



# Electronic Transmittal Form for DEEP Remediation and LUST Secure File Transfer (SFT)

DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION  
REMEDIATION DIVISION  
LEAKING UNDERGROUND STORAGE TANK COORDINATION PROGRAM

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- Only document types identified in the dropdown lists in Part III below may be submitted through the SFT website.
- Documents submitted through the SFT website must include all applicable figures, tables and laboratory data.
- Files must be formatted as PDF/A and use the appropriate naming convention:
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**Example:** REM\_1234\_MonitoringReport\_01-01-2001
  - For LUST Filings: **LUST\_SiteAddress\_Town\_AbbreviationForDocumentType\_DateofDocument**  
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## Part I: Program Type (Select either Remediation or LUST as your Primary Program Type)

<input checked="" type="checkbox"/> Remediation  Primary Program: Select Primary Program  *Rem ID: (required)	<input type="checkbox"/> LUST  UST Facility ID: (if applicable)  Spill Case Number: (if known)
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## Part II: Site Information

Site Name: Fairfield Aggregate Reclamation Yard	Site Address: 1 Richard White Way	City/Town: Fairfield	State: CT	Zip Code: 06824
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Secondary Programs (complete as many as applicable for this document):

Program: Select Secondary Program	Project ID:
Program: Select Secondary Program	Project ID:
Program: Select Secondary Program	Project ID:
Program: Select Secondary Program	Project ID:

Provide Project ID for each secondary program if it is known.

Each program has a unique ID (i.e. Rem ID, Spill Case #, UST Facility ID, PCB File #, etc.)

## Part III: Document Information

Remediation: Remediation Document Type	LUST: LUST Document Type
Date of Document: 8/7/2020	Select version

## Part IV: Submitter Information

Name: Malcolm Beeler	E-mail: <a href="mailto:beelerm@wseinc.com">beelerm@wseinc.com</a>
Name of company/business this document is being submitted on behalf of: Town of Fairfield	



[westonandsampson.com](http://westonandsampson.com)

273 Dividend Road  
Rocky Hill, CT 06067  
tel: 860.513.1473

# REPORT

September 17, 2020  
Revised October 12, 2020

## Town of Fairfield

Former Aggregate Reclamation Yard  
Investigation Work Plan



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## 1.0 INTRODUCTION

Weston & Sampson Engineers, Inc. (Weston & Sampson) has prepared this Investigation Work Plan (Work Plan) for the Former Aggregate Reclamation Yard located on Richard White Way (Site) in the Town of Fairfield (Town), Connecticut. This Work Plan is designed to collect analytical data and other information necessary for the Town to respond to Notices of Violation (NOVs) received from the Connecticut Department of Energy and Environmental Protection (CT DEEP), as well as assist with development of the Town's application for closure of the solid waste disposal area(s) at the Site. This Work Plan is intended to address data gaps identified in the "Fairfield Investigation Summary Report," Weston & Sampson, August 2020.

The principal findings of the previous investigation are provided below:

- Fill at the Site is comprised of two units. Approximately 300,000 cubic yards (CY) of fill was originally placed prior to 1971 during reclamation of the surrounding marshlands. Approximately 120,000 CY of fill was transported to the Site post-reclamation. It is believed that the majority of post-reclamation fill was transported to the Site after 2013.
- CT DEEP Remediation Standard Regulations (RSR) Residential and Industrial/Commercial Direct Exposure Criteria (R DEC and I/C DEC) are commonly exceeded for polycyclic aromatic hydrocarbons (PAHs) and extractable total petroleum hydrocarbons (ETPH) in all fill materials investigated at the Site. Polychlorinated biphenyls (PCBs) were found to exceed the R DEC and I/C DEC in certain soils, but exceedances were more commonly detected in the original fill than in the subsequent materials. Various heavy metals were found to exceed the R DEC and I/C DEC in fill materials, as well as the groundwater classification "B" Pollutant Mobility Criteria (GB PMC). However, these exceedances were infrequent.
- For arsenic, ETPH, and PAHs, the frequency of detection and the mean, median, and 95% Upper Confidence Level (UCL) concentrations are similar in the original fill and materials placed later at the Site.
- For lead and PCBs, the mean, median, and 95% UCL concentrations are significantly higher in the original fill materials when compared to those for the later fill. The frequency of detection of PCBs is also higher in the original fill, as compared to later fill materials. Lead was detected in all samples analyzed so there is no difference in the frequency of detection.
- Debris was consistently found in the original and later fill, with greater percentages found in the later fill materials. However, the debris did not typically contain materials suspected of containing PCBs (e.g., paint or caulk) and, when sampled, PCB concentrations were less than ten milligram per kilogram (<10 mg/kg). PCBs were identified in the fill, but PCB-containing building materials do not appear to be a source. No potentially oil-filled equipment (e.g., capacitors or transformers) were found in the test pits performed at the Site.
- Two monitoring wells were installed and sampled as part of the investigation. The RSR Surface Water Protection Criteria (SWPC) for arsenic and ETPH were exceeded in samples from both monitoring wells and one sample exceeded the SWPC for lead.

A review of the information collected to date indicates that data gaps exist that should be addressed. These include:

- Additional investigation is needed to further characterize groundwater at the Site. This should include installation of additional monitoring wells and sampling of the new and recently installed wells.

- Some additional investigation is needed to further delineate impacts to soil. ETPH and PAH impacts are ubiquitous in the fill materials. Accordingly, additional delineation of these impacts is not deemed necessary. Also, no specific release areas for metals were identified; therefore, additional delineation of metals is also not considered warranted. However, for PCBs, there are localized areas with higher concentrations that require additional delineation.
- Finally, the chemical composition of underlying (pre-reclamation) native materials has not been established and should be determined.

## 1.1 History

The Site history is complex, beginning with tidal marsh reclamation activities during the 1960s, municipal solid waste landfill operations later in the 1960s, stockpiling and burning of organic wastes in the 1980s, and then stockpiling and processing fill and other materials in the 1990s through 2016.

In May 2016, Osprey Environmental Engineering, LLC. (Osprey) of Clinton, Connecticut conducted a Phase I Environmental Site Assessment (ESA) of the Site. Osprey conducted the Phase I ESA to evaluate potential on-Site contamination due to spills of oils, hazardous materials, or wastes resulting from past and present operations, land-use activities, or from off-Site activities. From the Phase I ESA, Osprey concluded the following:

- The Site contains a former municipal solid waste (MSW) landfill that is covered with approximately 20 feet of various reclaimed materials, including soil, concrete, and asphalt. These materials were accumulated from various DPW projects and intended to be reused by mixing with clean fill to send off-Site for reuse;
- No underground storage tanks (USTs) or aboveground storage tanks (ASTs) are located on Site and there is no evidence of USTs or ASTs previously on Site;
- No visual signs of contamination are present, and no hazardous materials were generated on Site;
- Surface water runoff drains to a stormwater pond with overflows to a sanitary sewer; and
- There were no outstanding orders or notices of violation pertaining to the Site at the time the Phase I ESA was performed.

Historical Site aerial photographs were reviewed to expand upon the Site history and operations developed in the Phase I ESA. The following is a summary of the Site history:

- Prior to 1960, the current Site location was occupied by tidal marshes.
- Site reclamation began sometime prior to 1960, with the full Site reclamation completed prior to 1971.
- Materials described as municipal solid waste (MSW) in historical documents are observed on the northern portion of the Site in a 1969 aerial. These materials were covered by 1971. A now-closed landfill was operated on reclaimed tidal marshes west of the Site and is visible on aerial photographs.
- The Phase I ESA indicates that organic wastes (e.g., trees, brush, etc.) were stockpiled and burned on the Site in the 1980s. An aerial from 1985 appears to show activities of this type on the central and southern portions of the Site.
- Between 1990 and 2013 there is evidence of material handling at the Site. Materials appear to consist primarily of soil with some concrete debris. A topographic map of the Site developed by the Connecticut Metropolitan Council of Governments (MetroCOG) shows that much of the Site is at an elevation of 20 feet, but a stockpile of materials exists on the northern portion of the Site

with a maximum elevation of just over 50 feet.

- In 2013, the Town engaged Julian Enterprises to manage the Site stockpile. Julian Enterprises operated the Site until 2016 when the Town terminated its contractual relationship with the company after allowing delivery of contaminated waste materials to the Site.
- A 2016 topographic map of the Site developed by MetroCOG shows that the size of the northern stockpile observed in the 2013 aerial and topographic map greatly increased in extent and that the maximum elevation was almost 70 feet.
- As shown in aerials available since 2015, materials handling on the Site increased significantly and stockpiles appear larger and cover a larger portion of the Site. Truck scales were installed at the Site entrance sometime prior to May 2015.
- The truck scales and soil handling equipment were removed sometime prior to the 2017 aerial and Site operations appear to have ceased. Site conditions are very similar in the 2018 aerial, but four test pits are observed. It is assumed that these test pits were excavated as part of a sampling program performed by Osprey.
- The 2019 aerial shows that the Site was significantly reworked and regraded to the conditions that exist at the current time. A berm with an approximate maximum elevation of 45 feet extends along the western portion of the Site, wraps around the southern portion, and then terminates at the abutting facility to the east.

## 1.2 Environmental Setting

The Site is shown on Figure 1 and is located on the southwest portion of the Town Public Works Yard that occupies a 20-acre parcel at the end of Richard White Way in Fairfield. The Aggregate Reclamation Yard covers an area of approximately 6 acres. Also located on the Public Works Yard are the transfer and recycling station, water pollution control facility, and a fire training area. Immediately abutting the Site to the north and east are the First Student Bus Parking area where buses are parked when not in use and the WeDenali Facility where yard wastes are accepted and composted. To the west of the Site is the Pine Creek Lagoon and beyond that, a closed municipal solid waste landfill formerly operated by the Town. To the south of the Site is Pine Creek and tidal marshes and, beyond that, are residences on Fairfield Beach.

## 1.3 Groundwater and Surface Water Classification

Based on the CT DEEP Water Quality Classifications map, the Site is located within a GB groundwater area. A GB groundwater classification indicates that groundwater is not suitable for consumption without treatment. Surface water in the area is saline, tidally influenced, and classified as SA. Class SA designated uses include habitat for marine fish, other aquatic life, and wildlife. Other Class SA designated uses include harvesting shellfish for human consumption, recreation, and navigation.

Local groundwater flow direction is not known as only two groundwater monitoring wells were installed during the first phase investigation. Given the presence of tidally influenced surface water bodies to the south and east, it is assumed that groundwater flows are likely directed towards the south and east and are tidally influenced.

## 1.4 Geology

Test pitting has been performed to depths of twenty feet below grade, but only fill materials were encountered given the presence of debris in all of the materials excavated. Because the Site is located on reclaimed wetlands and consists entirely of fill above the original elevation of the tidal marshes, a review of historical Site information and aerial photographs provide information as to what materials may be present. A summary of the geology developed based upon that review and findings from the initial

investigation is provided below:

- Prior to 1960 and Site reclamation, the current location of the Site consisted of tidal marshes drained by Pine Creek. Test pits performed during the initial Site investigation did not encounter native materials. The base of Test Pit 4 reached a depth of 1-foot North American Vertical Data 1988 (NAVD88). Native materials were encountered during the installation of monitoring wells and consist of a dark brown and black organic silt with varying amounts of sand, gravel, and cobbles. It is estimated that these native materials beneath the fill are at an elevation of -7 feet NAVD88.
- A review of the test pit logs from the initial investigation indicate that fill used during land reclamation consisted of fine to coarse grained sands with trace to some gravel and cobble, and varying amounts of debris (typically asphalt, concrete and brick). The test pit data, historical aerials, and survey data collected prior to the initial investigation indicate that the original fill materials reached a final elevation of 28 feet NAVD88.
- Review of aerial photographs and historical documents indicate that the first fill materials placed on the Site following reclamation consisted of MSW of unknown thickness on the northern portion of the Site and organic and burned organic debris on the central and southern portions of the Site. Some MSW (e.g., glass, newspapers) were encountered during excavation of the test pits by Weston & Sampson, but no layers of any thickness of these materials were encountered in test pits performed during the initial investigation.
- In the 2013 aerial and topographic map, a large pile is present on the northern portion of the Site with the highest elevation of over 50 feet, vertical datum unknown. In the 2016 aerial and topographic map, the pile has been significantly extended over the Site with a maximum elevation of approximately 70 feet.
- Materials at the Site were significantly reworked to achieve current grades with a maximum elevation of approximately 45 feet NAVD88. Materials logged during test pitting of the later fill materials indicate that they consist primarily of sand, gravel, and cobbles with varying amounts of debris consisting mostly of asphalt, concrete, and brick.

Based upon a review of historical information, the Site consists of original fill materials placed to reclaim the Site. Additional fill materials that included MSW, organic debris, soil, and demolition debris were transported to the Site following reclamation. The additional fill materials would have been processed on-Site, given the types of equipment visible in historical aerial photographs. The material was significantly reworked and regraded to achieve final elevations.

Information documenting the bedrock geology of the Site was obtained from the “Bedrock Geological Map of Connecticut,” (Rodgers, 1985). The Site is located within the western uplands province and bedrock beneath the Site has not been classified. However, bedrock to the north of the Site is Golden Hill Schist, which is a gray and silvery medium- to coarse-grained schist and granofels. Bedrock outcrops were not observed on Site, and it is not anticipated that bedrock will be encountered during any of the investigation activities.

## 1.5 Hydrogeology

The hydrogeology of the Site is not known, but it is assumed that groundwater at the Site discharges to the south and west to surrounding surface water bodies. A review of the initial groundwater sampling data indicates that the elevation of groundwater at the time of sampling was approximately 0 feet NAVD88. Groundwater elevations at the Site are likely tidally influenced.

## 1.6 Conceptual Site Model

The conceptual site model (CSM) includes the placement of fill materials during the original reclamation of the Site. These fill materials were impacted with PCBs, ETPH and PAHs prior to transport to the Site for use of fill as (1) the impacts are widespread and there is no evidence of potential source materials for PCBs or other contaminants of concern (COCs) at the Site, (2) the original fill materials have remained mostly undisturbed since they were originally placed at the Site, and (3) vertical and horizontal distribution of these contaminants do not indicate that a discrete release(s) occurred at the Site.

Various materials were transported to the Site after reclamation, with the majority of the later fill brought to the Site after 2013. These fill materials were also impacted by PCBs, ETPH, and PAHs, but there is no evidence for a post-placement release(s) of these chemicals at the Site based upon analysis of the data. ETPH and PAH impacts to soil are similar in the original and later fill materials, but PCB concentrations are significantly lower in the later fill materials.

Debris was found in all of the fill placed at the Site and some potentially PCB-containing building materials were identified in the debris. However, these building materials were limited in distribution and the determined PCB concentrations were all <10 mg/kg. Evaluation of the PCB content of the building materials compared to associated grab and composite soil samples collected from the same locations as the building material samples did not indicate that PCB-containing building materials were a source of PCB impacts at the Site.

Groundwater impacts have been identified but the source for these impacts is unknown. Additional groundwater investigation and sampling is necessary to evaluate groundwater flow, impacts to groundwater, and the potential source or sources for these impacts.

## 2.0 INVESTIGATION METHODS

The scope of investigation described in this Work Plan has been designed to evaluate fill materials at the Site. These materials include both fill placed during initial reclamation of the Site and materials subsequently transported to the Reclamation Yard. Findings from the initial investigation indicate that drilling may be performed successfully in original fill materials. However, given the larger pieces of concrete debris that were encountered in the later fill materials, drilling will only be performed in areas of limited thickness of the later fill or if limited penetration of the later fill is necessary.

### 2.1 Site Preparation

A Health and Safety Plan (HASP) was prepared for the initial site investigation and will be updated for the investigation activities described in this Work Plan. The HASP will include work-safe activities and measures to be employed to protect site workers from exposure to the COVID-19 virus.

Boring locations shown on Figure 2 will be marked in the field by a Connecticut-licensed surveyor. The northing, easting and elevation will be recorded for each of the points surveyed. Boring locations may be altered during the survey mark out so that the equipment used for soil borings can be stationed on level ground during performance of the work.

### 2.2 Soil Borings

The goals for the soil boring and sampling investigation are as follows:

- 1) Obtain additional PCB characterization data for fill materials placed during reclamation of the Site. These materials are anticipated to extend between 28 feet and -7 feet NAVD88. As shown on Table 1, Borings B-1 through B-14 will all penetrate the entire depth of the reclamation fill. Samples will be collected from these borings to further delineate previously identified PCB impacts and to characterize fill materials not previously sampled.
- 2) Characterize native materials for PCBs, ETPH, metals, and PAHs. As shown on Table 1, Borings B-1 through B-14 will all be performed to a depth deeper than -7 feet NAVD88.
- 3) Delineate PCB impacts in fill materials placed following reclamation of the Site. A limited number of soil borings will be attempted in the later fill materials to limited depths to delineate areas where PCBs at concentrations >50 mg/kg were determined in the later fill.

A total of twenty-three borings (designated B-1 through B-23) are proposed and will be performed using a GeoProbe® direct-push drilling rig. The locations of the soil borings are shown on Figure 2 and are summarized in Table 1. The total depth of the proposed soil borings ranges from 30 to 45 feet below grade, as this is the anticipated depth needed to penetrate into native materials.

Drilling equipment will be decontaminated between each soil boring performed. Decontamination will include (1) removing soil from the equipment and collecting it in a bucket, (2) washing the equipment with soap and water followed by a water rinse and collecting the aqueous wastes in a 55-gallon drum, and (3) swabbing the equipment with a terpene solution containing a minimum of 75% terpene hydrocarbon. Solvent swabs will be drummed as solid waste and the terpene hydrocarbon waste will be drummed with other aqueous wastes.

Each soil boring will be logged from the surface to the end of the boring. Soil and debris types, as well as percentages of each, will be recorded on logs. Soil not containing debris at a depth greater than 0 feet NAVD88 and consisting of dark silts with organics will be assumed to be native materials.

Subsurface debris could hinder drilling within some areas of the Site. If refusal is encountered at a drilling location, the drill rig will be moved a minimum distance of five feet from the boring location and another attempt made to drill to the designed depth. A maximum of three attempts will be made at any one location to collect samples. If a location cannot be drilled using the GeoProbe®, an alternative method will be needed to collect samples from the location and may be performed during this investigation or a later event.

Excess soil removed from the boring will be placed back into the borehole at approximately the same depth that it was removed. No soil or debris will be drummed during the soil boring program.

### 2.2.1 Soil Sampling

The depths where soil samples will be collected, and the lengths of the soil sample intervals are indicated in Table 1. Data tables from the prior investigation report are attached in Appendix A for reference with regard to the selection of boring locations and sampling depths.

For soil borings B-1 through B-14, the goals of the sampling program are to:

- 1) Sample original fill materials placed during reclamation in locations that have not previously been sampled or to delineate previously identified PCB impacts to the original fill.
  - a. For soil borings performed in areas not previously characterized, three samples of one-foot intervals will be submitted for analysis of PCBs. The one-foot interval samples will be collected from soils obtained within the 10-15, 20-25, and 30-35 feet below grade (ft bg) intervals. Additional samples will be collected where potentially PCB-containing debris is encountered and also analyzed for PCBs.
  - b. For soil borings performed in areas where PCB impacts were previously identified, one-foot interval samples will be collected from depth intervals selected to determine the vertical delineation of those impacts.
  - c. Reclamation fill will only be sampled for PCBs where odors, staining or sheens are encountered below the water table. If identified, an additional sample for PCBs will be collected from that interval and also submitted for analysis of ETPH and PAHs.
- 2) Collect one sample from native materials and analyze that soil for PCBs, PAHs, ETPH, and metals.

For borings B-1 through B-14, a total of 48 samples will be collected from reclamation fill for analysis of PCBs, with potential additional sampling if conditions are encountered that warrant characterization. 16 of these samples will be collected around the location of TP-4 to further characterize and potentially delineate PCB impacts at this locations. A total of 14 samples will be collected from native materials and analyzed for PCBs, ETPH, PAHs, and metals from native materials.

For soil borings B-15 through B-20, the goals of the sampling program are to:

- 1) Provide additional characterization of PCBs in soil within the area previously remediated. This is necessary as PCBs were identified at concentrations  $\geq 50$  mg/kg within the remediation area and the source of these PCBs is unknown.

For soil borings B-21 through B-23, the goals of the sampling program are to:

- 1) Delineate the vertical and horizontal extent of PCB impacts previously identified. Samples will be collected of one-foot soil intervals from each of the depth ranges listed on Table 1.
- 2) Additional samples will be collected for analysis of PAHs and ETPH if stained soil or odors are

identified.

A total of 24 samples will be collected from later fill material within the location of the PCB removal action. Samples will be focused on the interval between 0 and 5 feet below grade because this is where PCBs were found at concentrations  $\geq 50$  mg/kg. An additional sample will be collected beneath this interval because PCBs were found at concentrations  $> 1$  mg/kg in the composite sample from 5 to 10 feet below grade.

A total of 9 samples will be collected from later fill at the location of TP-6 where PCBs were identified at concentrations  $\geq 50$  mg/kg. The samples are targeted for intervals above, within, and below the identified impacts in TP-6 and are intended to provide additional characterization data for this area and potentially delineate the PCB impacts.

#### 2.2.2 Soil Laboratory Analysis

Soil samples retained for analytical testing will be submitted to an analytical laboratory certified by the Connecticut Department of Public Health (CT DPH) and analyzed for the following parameters using the Reasonable Confidence Protocol (RCP) established by the CT DEEP:

- Extractable total petroleum hydrocarbons (ETPH) by the CT DEEP ETPH Method;
- PAHs by EPA Method 8270;
- PCBs by EPA Methods 3540/8082A; and
- Total RSR-15 metals by EPA Methods 6010C/7471B.

The samples will be placed directly into new laboratory-prepared sample containers and will be packed and transported to a laboratory in accordance with professional standards of care for the selected analytical methods. Chain-of-custody documentation will be maintained throughout the sampling process.

#### 2.3 Groundwater Monitoring Well Installation

The locations for proposed and existing monitoring wells are shown on Figure 2. The two existing monitoring wells, MW-1 and MW-2, are installed on the south and southwest portions of the Site at locations where it is believed that groundwater will discharge to surface water. Four additional monitoring wells, MW-4, MS-5, MW-6 and MW-7 are proposed during this investigation at locations where it is believed that groundwater will also discharge to surface water. These six monitoring wells are intended to serve as point-of-compliance wells for evaluating compliance with the SWPC. As discussed below, an additional monitoring well will be installed downgradient of PCB-impacted soil at TP-4 if it is determined that MW-2 is installed cross-gradient of those impacts. Proposed monitoring well MW-3 will be installed at a location believed to be upgradient at the Site. Proposed monitoring well MW-8 will be installed at a location believed to be cross-gradient to most of the Site but downgradient of the portion of the berm that extends off the Site. 43

A total of six monitoring wells will be installed using a hollow-stem auger drilling rig. The wells will be constructed of 2-inch polyvinyl chloride (PVC) blank and 10-foot sections of 0.010 slot screen, with a minimum of 1 inch of sand pack around the screened borehole annulus. Groundwater elevations are at approximately 0 ft NAVD88 but are anticipated to vary with tidal influences. The screen interval will be installed such that it intersects the groundwater table with approximately two feet of screen above the observed groundwater table at the time of construction. The well will be completed with a "stick up" casing so that it can be easily found in the future.

Soil analytical data from soil borings B-5 through B-8 will be evaluated to determine if monitoring well MW-2 is installed within soil with high PCB impacts (as previously identified in the area of TP-4), or if that monitoring well is located cross-gradient of the impacted soil. If MW-2 is found to have been installed within an area of high PCB impacts, no additional monitoring well will be installed. However, if MW-2 is found to be located cross-gradient, a seventh monitoring well will be installed downgradient of TP-4.

### 2.3.1 *Groundwater Sampling*

After allowing the newly installed monitoring wells to equilibrate for one week, the monitoring wells will be developed. One week after the monitoring wells have been developed, groundwater samples will be collected from each of the two existing and six new monitoring wells using low-flow sampling techniques in general accordance with the EPA Region I “Low Stress (low flow) Purguing and Sampling Procedure for the Collection of Ground Water Samples from Monitoring Wells”, EPA SOP-GW 001 (Revision 4, 2017). The groundwater samples will be collected using inertial or peristaltic pumps with new tubing dedicated to each monitoring well.

### 2.3.2 *Groundwater Laboratory Analysis*

Groundwater samples retained for analytical testing will be submitted to an analytical laboratory certified by CT DPH and analyzed for the following parameters following the CT DEEP RCP:

- ETPH by the CT DEEP ETPH Method;
- C<sub>9</sub>-C<sub>18</sub> aliphatic hydrocarbons, C<sub>19</sub>-C<sub>26</sub> aliphatic hydrocarbons, and C<sub>11</sub>-C<sub>22</sub> aromatic hydrocarbons by the Massachusetts Department of Environmental Protection Extractable Petroleum Hydrocarbons Method;
- PAHs by EPA Method 8270 using selected ion monitoring (SIM) to achieve appropriate reporting limits;
- Polychlorinated biphenyls (PCBs) by EPA Method 8082A; and
- Total RSR-15 metals by EPA Methods 6010C/7471B and SW-846 1312/6020A/7470A.

The samples will be placed directly into new laboratory-prepared sample containers, preserved as required, packed and transported to a laboratory in accordance with professional standards of care for the selected analyses. Chain-of-custody documentation will be maintained throughout the sampling process.

Chromatograms from the analysis of PCBs in groundwater from the two existing groundwater monitoring wells are attached in Appendix B. Also included is a calibration standard chromatogram for Aroclor 1016 and Aroclor 1260 showing the elution range of PCB-congener peaks. A review of the sample groundwater chromatograms previously obtained indicate that PCB congener peaks were not identified.

For this proposed round of groundwater sampling, samples from each of the eight monitoring wells will be analyzed for total PCBs by Aroclors using EPA Method 8082. Chromatograms will be obtained for each of these samples, a low-concentration calibration standard representative of concentrations less than 0.5 micrograms per liter, and the method blank for the analytical data batch and reviewed for the presence of peaks that might represent PCB congeners.

An additional sample aliquot will be collected during sampling from (1) MW-2 or the replacement well for MW-2 if soil analytical data from soil boring B-5 indicates that MW-2 is side gradient from the PCB-impacts to soil identified at TP-4, (2) other monitoring wells to be installed if PCB concentrations >50

mg/kg are identified in the soil at the monitoring well location, and (3) potentially at the proposed upgradient location, MW-3. These sample aliquots will be extracted and prepped for analysis of PCBs by Homologs using EPA Method 680 so that the extraction and sample preparation can be completed with a 7-day holding time for analysis of water samples.

The sample aliquots prepped for analysis of EPA Method 680 will be analyzed for PCBs by homologs if review of chromatograms indicate that peaks potentially attributable to PCB congeners are identified in the chromatograms. These data will be made available to EPA and CT DEEP and the decision to analyze or not analyze sample extracts reviewed with them within the 40-day hold time for the analysis.

#### **2.4 Quality Assurance/Quality Control (QA/QC) Sampling and Analysis**

During the performance of soil and groundwater sampling operations, QA/QC samples will be obtained and analyzed to evaluate sample collection, decontamination, handling, and laboratory analytical procedures. The results will be used to determine effects on data precision and potential sample contamination from field sampling procedures. QA/QC samples will be collected at the following frequencies:

- One blind field duplicate sample will be collected per every twenty soil samples collected for each of the analyses planned; and
- One blind duplicate groundwater sample will be collected for each of the analyses planned.

#### **2.5 Investigation Derived Wastes**

Investigation Derived Wastes (IDW) anticipated to be generated during the performance of investigation activities include aqueous and solid wastes from decontamination of drilling equipment, groundwater generated during well development and purging prior to sampling, and personal protective equipment (PPE). PPE wastes (e.g., nitrile gloves, Tyvek coveralls) generated during sampling will be disposed as municipal solid waste.

Excess soil from the installation of groundwater monitoring wells will be spread onsite unless analytical results from sampling of soil from the soil boring performed at the same location indicate they may be impacted with PCBs at concentrations >1 mg/kg. If designated for disposal, the soil cuttings will be drummed, and the drums labeled with an M<sub>L</sub> mark. The drums will then be moved and stored in a waste storage area to be established at the Site until disposal at an appropriately permitted facility.

Wastewater generated during monitoring well development and purging will be drummed as generated and properly characterized. Analytical data from the groundwater sampling will be used to profile the purge water for disposal.

### 3.0 DATA QUALITY OBJECTIVES

Soil and groundwater samples are being collected to generate data to characterize impacts to the various media present at the Site. The Data Quality Objectives (DQOs) of the initial round of sampling will be to determine chemical impacts to the two types of media sampled (soil and groundwater) and the type and amount of debris present.

Soil and groundwater analytical results will be compared to the remedial criteria established in Section 22a-133k-1 through -3, inclusive, of the Remediation Standard Regulation (RSRs) of the Regulations of Connecticut State Agencies (RCSA). Soil analytical results will be compared to the remedial standards established for PCBs in 40 CFR §761.61(a)(4). Soil analytical results will also be compared to Direct Exposure Criteria (DEC), and laboratory analytical leachate results from soil samples will be compared to the groundwater classification "B" Pollutant Mobility Criteria (GB PMC).

The analytical data generated will be evaluated to determine if:

- The horizontal and vertical extent of impacts to soil that exceed applicable remedial criteria have been established. If data gaps are identified, additional sampling will be performed to complete the delineation.
- Impacts identified in reclamation fill materials have impacted underlying native materials or if the native materials may have already been impacted prior to placing reclamation materials.

Groundwater samples will be collected at eight locations and will be evaluated to determine if there is a release to groundwater from the fill materials placed at the Site. Soil data will be reviewed to determine potential source materials (e.g., debris, soil placed after reclamation, soil placed before reclamation) at the Site. Groundwater data will then be compared to the Surface Water Protection Criteria (SWPC) to evaluate if any impacts may pose a risk to the environment.

To determine if the data are acceptable to evaluate the DQOs established above, a Data Quality Assessment (DQA) and Data Usability Evaluation (DUE) will be performed on the analytical data obtained from the soil, debris, and groundwater. All samples will be analyzed and reported following the Reasonable Confidence Protocol (RCP) developed by the CT DEEP. The data quality will be assessed based upon the results from the analysis of QA/QC samples.

#### 3.1 Data Precision

Data precision will be evaluated based upon the results of duplicate samples analyzed and the relative percent difference (RPD) between sample results. Analytical results for blind field duplicates for soil and groundwater sample will be evaluated to determine the effect of sampling procedures and site variability on the precision of the analytical results. Laboratory Control Samples/Laboratory Control Sample Duplicates (LCS/LCSD) will also be evaluated to determine the effect of analytical procedures and any potential matrix effects on data precision.

#### 3.2 Data Accuracy

Data accuracy will be evaluated based upon the results of spiked sample results and the percent recovery for the spiked analytes. Analytical results for LCS/LCSD samples and the percent recovery will be evaluated to determine the effect of analytical procedures on data accuracy.

### 3.3 Reporting Limits

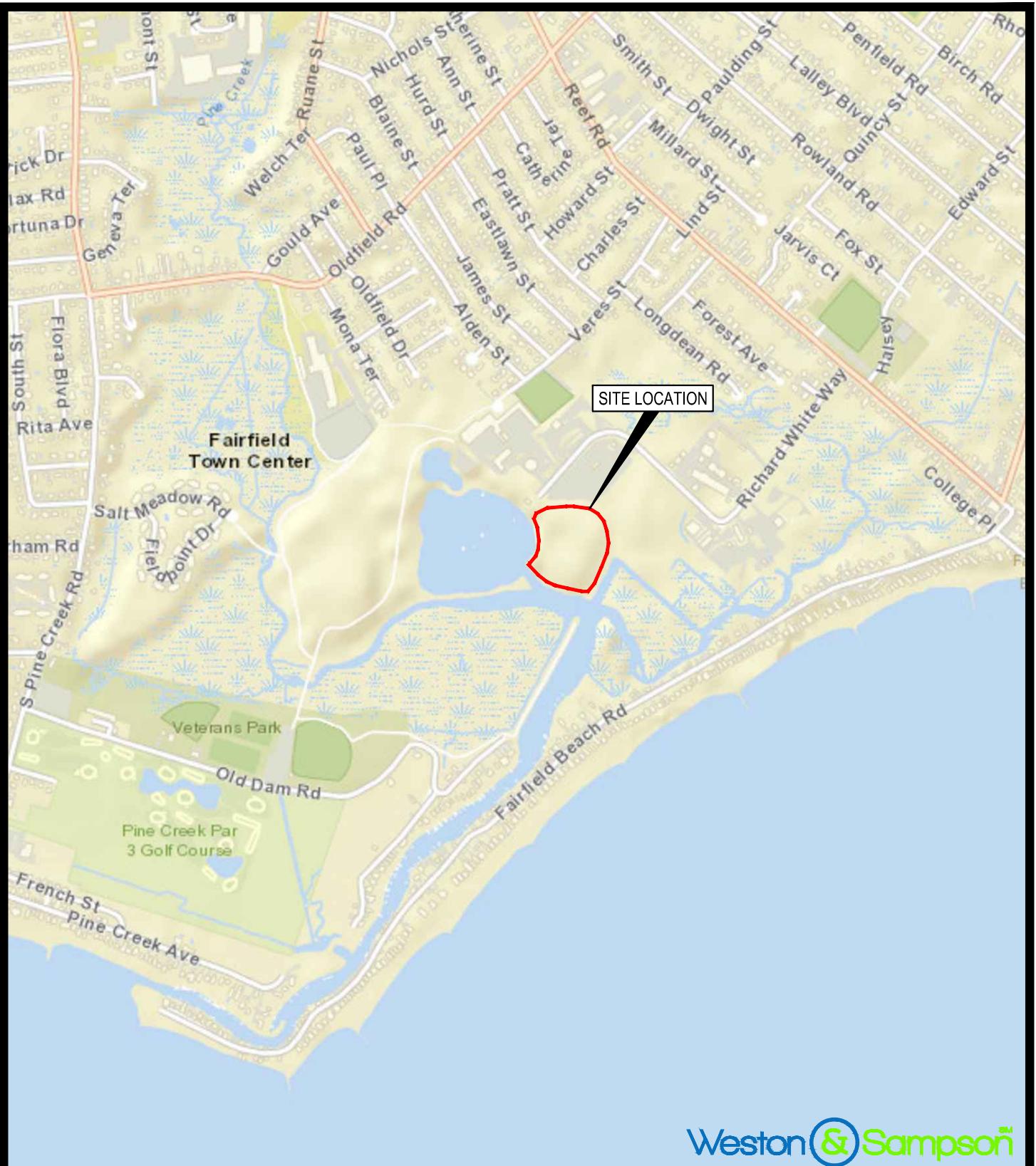
Reporting limits for each of the analytes included in the analytical data reports will be compared to applicable and appropriate state and federal remedial criteria. Reporting limits should be less than remedial criteria for each analyte. For PCBs, reporting limits for samples must be <1 mg/kg.

### 3.4 Data Use and Appropriateness

The end use for the data will be to (1) to determine the presence or absence of chemicals in the environment and (2) determine if chemicals are present at concentrations that exceed applicable remedial criteria and require further action. For the data to be appropriate for this use, they must be determined to have sufficient precision and accuracy. In addition, reporting limits must be adequate to allow for this determination to be made and potential contamination arising from field sampling and/or laboratory analysis must not bias the sample results.

The DQA/DUE performed for the data collected from the investigation described in this Work Plan will be summarized as part of the Remedial Investigation Report. A determination of the appropriateness for use of the data will be included as part of the DQA/DUE.

## FIGURES

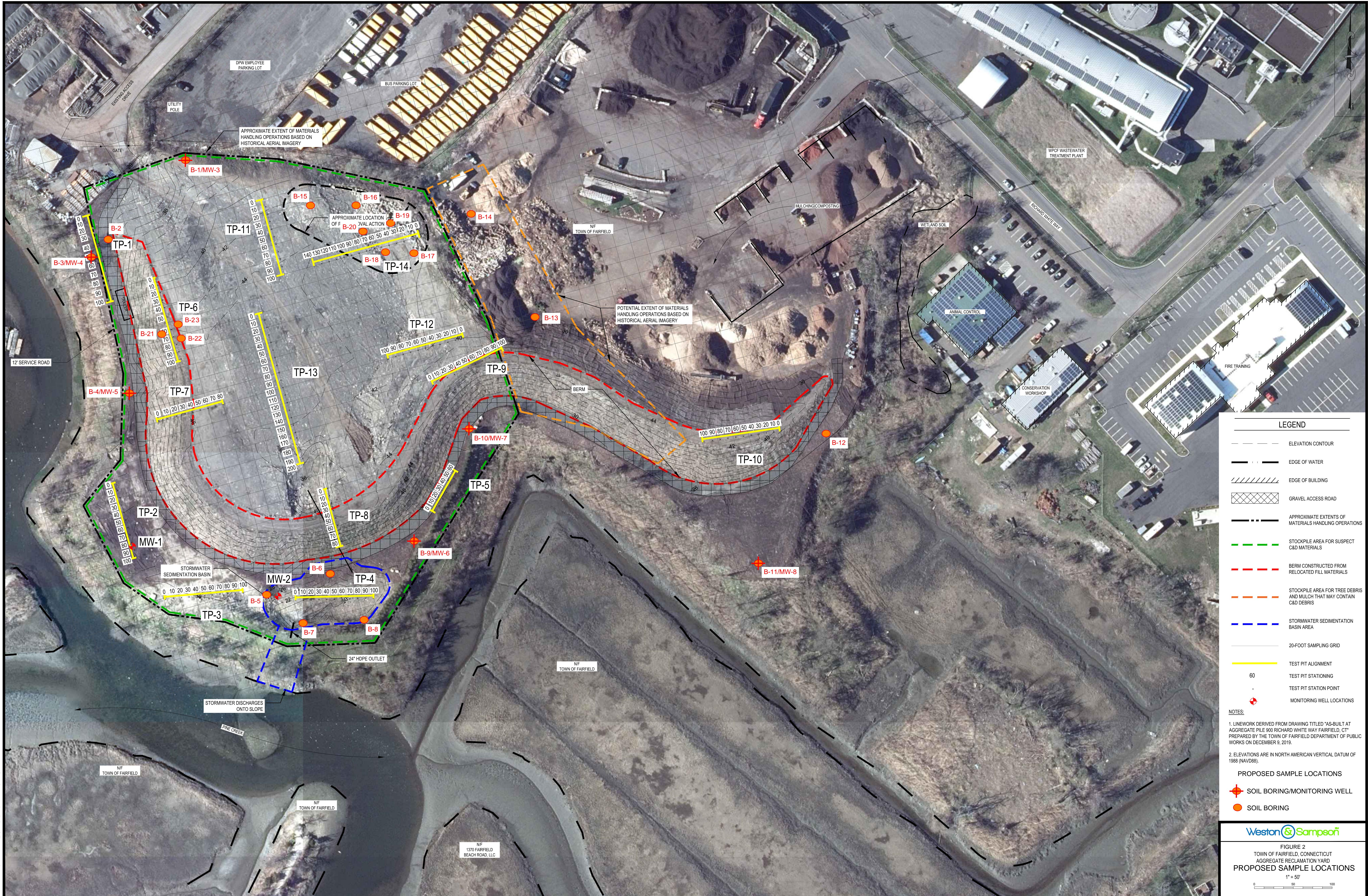


**Weston & Sampson**

FIGURE 1  
TOWN OF FAIRFIELD, CONNECTICUT  
AGGREGATE RECLAMATION YARD  
SITE LOCATION MAP  
SCALE: 1"=1000'

0 1000 2000

NOTE: IMAGERY ACQUIRED FROM THE CONNECTICUT ENVIRONMENTAL CONDITIONS ONLINE DATABASE (CT ECO). CT ECO LISTS THE FOLLOWING SOURCES FOR IMAGERY: ESRI, HERE, GARMIN, USGS, INTERMAP, INCREMENT P, NRCAN, NCDC, (c) OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY.



## TABLES

**Table 1**  
**Data Gap Sampling Summary**  
**Aggregate Reclamation Yard Investigation**  
**Fairfield, Connecticut**

Boring	Starting Elevation <sup>1</sup> (ft)	Proposed Final Elevation <sup>2</sup> (ft)	Previous Analytical Data <sup>3</sup>	Sampling Goals	Sample Count
B-1/MW-3	30	-15	New boring location, no previous analytical data. Monitoring well location suspected to be at upgradient location at the site	1) Sample reclamation materials for PCBs at three one-foot sample intervals collected between 10-15, 20-25, and 30-35 ft bg. 2) Sample native materials at one-foot sample interval for PCBs, ETPH, RSR-15 Metals, and PAHs.	Reclamation Fill – 3 samples for analysis of PCBs Native Materials – 1 sample for analysis of PCBs, PAHs, ETPH, and metals.
B-2	26	-14	Borings to be performed to delineate PCB impacts at TP-1 (10-50)(15-20) of 244 mg/kg. No other PCB sample results in this test pit exceeded 10 mg/kg. Monitoring well location suspected to be at a downgradient location where groundwater discharges to surface water.	1) Sample reclamation materials for PCBs at three one-foot sample intervals collected between 10-15, 15-20, and 25-30 ft bg. 2) Sample native materials at one one-foot sample interval for PCBs, ETPH, RSR-15 Metals, and PAHs.	Reclamation Fill – 3 samples for analysis of PCBs (6 total samples) Native Materials – 1 sample for analysis of PCBs, PAHs, ETPH, and metals (2 total)
B-3/MW-4	26	-14	New boring location, no previous analytical data. Monitoring well location suspected to be at a downgradient location where groundwater discharges to surface water.	1) Sample reclamation materials for PCBs at three one-foot sample intervals collected between 10-15, 20-25, and 30-35 ft bg. 2) Sample native materials at one one-foot sample interval for PCBs, ETPH, RSR-15 Metals, and PAHs.	Reclamation Fill – 3 samples for analysis of PCBs Native Materials – 1 sample for analysis of PCBs, PAHs, ETPH, and metals.
B-4/MW-5	26	-14	New boring location, no previous analytical data. Monitoring well location suspected to be at a downgradient location where groundwater discharges to surface water.	1) Sample reclamation materials for PCBs at three one-foot sample intervals collected between 10-15, 20-25, and 30-35 ft bg. 2) Sample native materials at one one-foot sample interval for PCBs, ETPH, RSR-15 Metals, and PAHs.	Reclamation Fill – 3 samples for analysis of PCBs Native Materials – 1 sample for analysis of PCBs, PAHs, ETPH, and metals.
B-5	27	-13	Borings to be performed to delineate PCB impacts at TP-4. PCB concentrations were >50 mg/kg from 0 to 60 feet along the test pit at depths from 5 to 20 feet below grade. Monitoring well to be installed at a selected location if MW-2 is determined to be cross-gradient of PCB impacts.	1) Sample reclamation materials for PCBs at four one-foot sample intervals collected between 5-10, 10-15, 15-20, and 30-35 ft bg.	Reclamation Fill – 4 samples from each boring for analysis of PCBs (16 total samples)
B-6	23	-12		2) Sample native materials at one one-foot sample interval for PCBs, ETPH, RSR-15 Metals, and PAHs.	Native Materials – 1 sample from each boring for analysis of PCBs, PAHs, ETPH, and metals (4 total samples)
B-7	21	-14		3) Evaluate data collected to determine if monitoring well MW-2 is installed at an appropriate location to evaluate potential release of PCBs identified in TP-4.	
B-8	23	-12		1) Sample reclamation materials for PCBs at three one-foot sample intervals collected between 10-15, 20-25, and 30-35 ft bg. 2) Sample native materials at one one-foot sample interval for PCBs, ETPH, RSR-15 Metals, and PAHs.	
B-9/MW-6	28	-12	New boring location, no previous analytical data. Monitoring well location suspected to be at a downgradient location where groundwater discharges to surface water.	1) Sample reclamation materials for PCBs at three one-foot sample intervals collected between 10-15, 20-25, and 30-35 ft bg. 2) Sample native materials at one one-foot sample interval for PCBs, ETPH, RSR-15 Metals, and PAHs.	Reclamation Fill – 3 samples for analysis of PCBs Native Materials – 1 sample for analysis of PCBs, PAHs, ETPH, and metals.
B-10/MW-7	30	-15	New boring location, no previous analytical data. Monitoring well location suspected to be at a downgradient location where groundwater discharges to surface water.	1) Sample reclamation materials for PCBs at three one-foot sample intervals collected between 10-15, 20-25, and 30-35 ft bg. 2) Sample native materials at one one-foot sample interval for PCBs, ETPH, RSR-15 Metals, and PAHs.	Reclamation Fill – 3 samples for analysis of PCBs Native Materials – 1 sample for analysis of PCBs, PAHs, ETPH, and metals.
B-11/MW-8	24	-11	New boring location, no previous analytical data. Boring at location where no handling of materials following site reclamation has been noted in historical aerial photographs. Potential background location.	1) Sample reclamation materials for PCBs at three one-foot sample intervals collected between 10-15, 20-25, and 30-35 ft bg. 2) Sample native materials at one one-foot sample interval for PCBs, ETPH, RSR-15 Metals, and PAHs.	Reclamation Fill – 3 samples for analysis of PCBs Native Materials – 1 sample for analysis of PCBs, PAHs, ETPH, and metals.
B-12	24	-11	New boring location, no previous analytical data. Boring at location where no handling of materials following site reclamation has been noted in historical aerial photographs. Potential background location.	1) Sample reclamation materials for PCBs at three one-foot sample intervals collected between 10-15, 20-25, and 30-35 ft bg. 2) Sample native materials at one one-foot sample interval for PCBs, ETPH, RSR-15 Metals, and PAHs.	Reclamation Fill – 3 samples for analysis of PCBs Native Materials – 1 sample for analysis of PCBs, PAHs, ETPH, and metals.
B-13	26	-14	New boring location, no previous analytical data. Boring at location where there was potential handling of materials following site reclamation.	1) Sample reclamation materials for PCBs at four one-foot sample intervals collected between 0-5, 10-15, 20-25, and 30-35 ft bg. Sample interval from 0-5 will be collected from beneath mulch and/or tree debris expected to be at the surface. 2) Sample native materials at one one-foot interval for PCBs, ETPH, RSR-15 Metals, and PAHs.	Reclamation Fill – 4 samples for analysis of PCBs Native Materials – 1 sample for analysis of PCBs, PAHs, ETPH, and metals.

**Table 1**  
**Data Gap Sampling Summary**  
**Aggregate Reclamation Yard Investigation**  
**Fairfield, Connecticut**

B-14	26	-14	New boring location, no previous analytical data. Boring at location where there was potential handling of materials following site reclamation.	1) Sample reclamation materials for PCBs at four one-foot sample intervals collected between 0-5, 10-15, 20-25, and 30-35 ft bg. Sample interval from 0-5 will be collected from beneath mulch and/or tree debris expected to be at the surface. 2) Sample native materials at one one-foot interval for PCBs, ETPH, RSR-15 Metals, and PAHs.	Reclamation Fill – 4 samples for analysis of PCBs Native Materials – 1 sample for analysis of PCBs, PAHs, ETPH, and metals.
B-15	43	33	Borings to be performed within location of where former PCB remediation was previously performed. One sample from this remediation area exceeded 50 mg/kg and two others exceeded 1 mg/kg for PCBs.	1) Sample later fill materials for PCBs at 0-0.5, 2-3, 4-5, and 7-9 ft bg.	Later Fill – 4 samples for analysis of PCBs from each boring (12 total samples)
B-16	41	31			
B-17	41	31			
B-18	41	31	Borings to be performed to delineate PCB impacts at TP-14 (40-50)(0-5) of 64 mg/kg and (5-10) of 2.92 mg/kg. No other PCB sample results in this test pit exceeded 10 mg/kg.	1) Sample later fill materials for PCBs at 0-0.5, 2-3, 4-5, and 7-9 ft bg.	Later Fill – 4 samples for analysis of PCBs from each boring (12 total samples)
B-19	40	30			
B-20	41	31			
B-21	44	24	Borings to be performed to delineate PCB impacts at TP-6 (60-70)(10-15) of 109 mg/kg.	1) Sample later fill materials for PCBs at 8-10, 12-14, and 15-17.	Later Fill – 3 samples for analysis of PCBs from each boring (9 total samples)
B-22	44	24			
B-23	44	24			

Notes: <sup>1</sup>Elevation estimated from December 9, 2019 As-Built Drawing. Elevation in North American Vertical Datum of 1988 (NAVD88).  
<sup>2</sup>Native materials expected at -7 to -10 feet NAVD88.  
<sup>3</sup>Referenced data from "Former Aggregate Reclamation Yard Investigation Report, August 2020."  
Monitoring wells to be screened across the water table with approximately one foot of screen installed above the water table.  
ft bg – feet below grade  
14 samples of Native Materials to be analyzed for PCBs, ETPH, PAHs, and Metals  
48 samples of reclamation fill to be analyzed for PCBs.  
33 samples of later fill to be analyzed for PCBs.

## **APPENDIX A**

Analytical Data Tables from Investigation Report

**Table 1**  
**TP-1 Soil Sample Analytical Results Summary**  
**Fairfield Aggregate Recycling Facility**  
**Richard White Way, Fairfield, CT**  
**July 2020**

Station Name	Units	GB PMC	I/C DEC	R DEC	TP-1 (0-10ft)(0-5ft)-C	TP-1 (0-10ft)(5-10ft)-C	TP-1 (0-10ft)(10-15ft)-C	TP-1 (0-10ft)(15-20ft)-C	TP-1 (0-20ft)(0-5ft)-C	TP-1 (0-20ft)(5-10ft)-C	TP-1 (0-20ft)(10-15ft)-C	TP-1 (0-20ft)(15-20ft)-C	TP-1 (20-30ft)(0-5ft)-C	TP-1 (20-30ft)(5-10ft)-C	TP-1 (20-30ft)(10-15ft)-C	TP-1 (20-30ft)(15-20ft)-C	TP-1 (30-40ft)(0-5ft)-C	TP-1 (30-40ft)(5-10ft)-C
Sample Date					6/3/2020	6/3/2020	6/3/2020	6/3/2020	6/3/2020	6/3/2020	6/3/2020	6/3/2020	6/3/2020	6/3/2020	6/3/2020	6/3/2020	6/3/2020	
<b>Parent Sample</b>																		
<b>Metals (SW-846 6010D)</b>																		
Antimony	mg/kg	8,200	27	ND < 1.8	ND < 1.8	ND < 1.9	ND < 2.0	ND < 2.0	ND < 1.9	ND < 1.9	ND < 1.8	ND < 1.8	ND < 1.9	ND < 1.9	ND < 1.8	ND < 1.8	ND < 1.8	
Arsenic	mg/kg	10	10	<b>4.6</b>	ND < 3.5	<b>6</b>	ND < 4.0	ND < 3.5	ND < 3.9	<b>4.1</b>	ND < 3.8	<b>3.7</b>	ND < 3.5	ND < 3.8	ND < 3.8	ND < 3.6	ND < 3.6	
Barium	mg/kg	140,000	4,700	<b>53</b>	<b>41</b>	<b>96</b>	<b>77</b>	<b>49</b>	<b>45</b>	<b>56</b>	<b>84</b>	<b>50</b>	<b>40</b>	<b>63</b>	<b>62</b>	<b>49</b>	<b>36</b>	
Beryllium	mg/kg	2	2	<b>0.37</b>	<b>0.28</b>	<b>0.43</b>	<b>0.59</b>	<b>0.32</b>	<b>0.24</b>	<b>0.33</b>	<b>0.31</b>	<b>0.35</b>	<b>0.23</b>	<b>0.35</b>	<b>0.34</b>	<b>0.31</b>	<b>0.2</b>	
Cadmium	mg/kg	1,000	34	ND < 0.35	ND < 0.35	<b>0.74</b>	<b>0.59</b>	ND < 0.35	ND < 0.39	<b>0.42</b>	<b>0.54</b>	ND < 0.36	ND < 0.35	<b>0.68</b>	ND < 0.38	ND < 0.36	ND < 0.36	
Chromium	mg/kg	100	100	<b>16</b>	<b>15</b>	<b>43</b>	<b>20</b>	<b>14</b>	<b>16</b>	<b>17</b>	<b>15</b>	<b>14</b>	<b>27</b>	<b>16</b>	<b>16</b>	<b>15</b>		
Copper	mg/kg	76,000	2,500	<b>31</b>	<b>37</b>	<b>87</b>	<b>66</b>	<b>320</b>	<b>34</b>	<b>37</b>	<b>49</b>	<b>70</b>	<b>36</b>	<b>52</b>	<b>46</b>	<b>83</b>	<b>34</b>	
Lead	mg/kg	1,000	400	<b>30</b>	<b>61</b>	<b>260</b>	<b>130</b>	<b>28</b>	<b>57</b>	<b>130</b>	<b>1,900</b>	<b>30</b>	<b>57</b>	<b>700</b>	<b>150</b>	<b>39</b>	<b>33</b>	
Nickel	mg/kg	7,500	1,400	<b>12</b>	<b>15</b>	<b>60</b>	<b>33</b>	<b>13</b>	<b>8.8</b>	<b>20</b>	<b>13</b>	<b>14</b>	<b>9.6</b>	<b>16</b>	<b>11</b>	<b>16</b>	<b>10</b>	
Selenium	mg/kg	10,000	340	ND < 3.5	ND < 3.5	ND < 3.8	ND < 4.0	ND < 3.5	ND < 3.9	ND < 3.9	ND < 3.8	ND < 3.6	ND < 3.5	ND < 3.8	ND < 3.6	ND < 3.6		
Silver	mg/kg	10,000	340	ND < 0.35	ND < 0.35	<b>1.3</b>	<b>0.91</b>	ND < 0.35	ND < 0.39	<b>0.41</b>	<b>1.4</b>	ND < 0.36	ND < 0.35	<b>1.1</b>	<b>0.8</b>	ND < 0.36	ND < 0.36	
Thallium	mg/kg	160	54	ND < 1.8	ND < 1.8	ND < 1.9	ND < 2.0	ND < 1.8	ND < 2.0	ND < 1.9	ND < 1.8	ND < 1.8	ND < 1.9	ND < 1.8	ND < 1.8	ND < 1.8		
Vanadium	mg/kg	14,000	470	<b>41</b>	<b>61</b>	<b>540</b>	<b>230</b>	<b>46</b>	<b>30</b>	<b>110</b>	<b>28</b>	<b>46</b>	<b>30</b>	<b>26</b>	<b>24</b>	<b>50</b>	<b>28</b>	
Zinc	mg/kg	610,000	20,000	<b>110</b>	<b>100</b>	<b>210</b>	<b>250</b>	<b>96</b>	<b>100</b>	<b>130</b>	<b>190</b>	<b>97</b>	<b>99</b>	<b>160</b>	<b>120</b>	<b>76</b>	<b>67</b>	
<b>Metals (SW-846 7471B)</b>																		
Mercury	mg/kg	610	20	<b>0.043</b>	<b>0.068</b>	<b>0.12</b>	<b>0.23</b>	<b>0.033</b>	<b>0.078</b>	<b>0.097</b>	<b>0.17</b>	<b>0.039</b>	<b>0.12</b>	<b>0.2</b>	<b>0.21</b>	<b>0.044</b>	<b>0.042</b>	
<b>SP/LP Metals (SW-846 6020B)</b>																		
Antimony	ug/l	60			ND < 5	ND < 5	<b>12</b>	<b>11</b>	ND < 5	<b>9.6</b>	<b>7</b>	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	
Arsenic	ug/l	500			ND < 4	ND < 4	<b>21</b>	<b>9</b>	ND < 4	<b>7.2</b>	ND < 4	ND < 4	ND < 4	<b>5</b>	ND < 4	ND < 4		
Barium	ug/l	10,000			ND < 50	ND < 50	<b>89</b>	<b>65</b>	ND < 50	ND < 50	<b>120</b>	<b>79</b>	ND < 50	<b>73</b>	<b>86</b>	ND < 50	<b>70</b>	
Beryllium	ug/l	40			ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2		
Cadmium	ug/l	50			ND < 1	ND < 1	<b>1.5</b>	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1		
Chromium	ug/l	500			<b>8</b>	<b>6.8</b>	<b>38</b>	<b>20</b>	<b>7</b>	<b>9.4</b>	<b>6.5</b>	<b>6.9</b>	<b>12</b>	<b>10</b>	<b>7.1</b>	ND < 5		
Copper	ug/l	1,300			<b>15</b>	<b>21</b>	<b>56</b>	<b>75</b>	<b>29</b>	<b>18</b>	<b>39</b>	<b>24</b>	<b>24</b>	<b>35</b>	<b>30</b>	<b>27</b>		
Lead	ug/l	150			<b>25</b>	<b>44</b>	<b>180</b>	<b>140</b>	<b>20</b>	<b>54</b>	<b>150</b>	<b>220</b>	<b>16</b>	<b>100</b>	<b>120</b>	<b>15</b>	<b>29</b>	
Nickel	ug/l	1,000			ND < 25	ND < 25	<b>40</b>	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25		
Selenium	ug/l	500			ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25		
Silver	ug/l	360			ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1		
Thallium	ug/l	50			ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1		
Vanadium	ug/l	500			<b>200</b>	<b>4,300</b>	<b>940</b>	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25		
Zinc	ug/l	50,000			<b>77</b>	ND < 50	<b>200</b>	<b>160</b>	<b>59</b>	ND < 50	<b>130</b>	<b>110</b>	ND < 50	<b>140</b>	ND < 50	<b>99</b>		
<b>SP/LP Metals (SW-846 7470A)</b>																		
Mercury	ug/L	20			ND < 0.00010	ND < 0.00010	<b>0.00015</b>	<b>0.00025</b>	ND < 0.00010	ND < 0.00010	ND < 0.00010	ND < 0.00010	ND < 0.00010	ND < 0.00010	ND < 0.00010	ND < 0.00010	ND < 0.00010	
<b>Semi-VOCAs (SW-846 6270D-E)</b>																		

**Table 1**  
**TP-1 Soil Sample Analytical Results Summary**  
**Fairfield Aggregate Recycling Facility**  
**Richard White Way, Fairfield, CT**  
**July 2020**

Station Name	Units	GB PMC	I/C DEC	R DEC	TP-1 (30-40ft)(10-15ft)-C	TP-1 (30-40ft)(15-20ft)-C	TP-1 (40-50ft)(0-5ft)-C	TP-1 (40-50ft)(5-10ft)-C	TP-1 (40-50ft)(10-15ft)-C	TP-1 (40-50ft)(15-20ft)-C	TP-1 (50-60ft)(0-5ft)-C	TP-1 (50-60ft)(5-10ft)-C	TP-1 (50-60ft)(10-15ft)-C	TP-1 (50-60ft)(15-20ft)-C	TP-1 (60-70ft)(0-5ft)-C	TP-1 (60-70ft)(5-10ft)-C	TP-1 (60-70ft)(10-15ft)-C	
Sample Date					6/3/2020	6/3/2020	6/3/2020	6/3/2020	6/3/2020	6/3/2020	6/3/2020	6/3/2020	6/3/2020	6/3/2020	6/3/2020	6/3/2020	6/3/2020	
Parent Sample																		
<b>Metals (SW-846 6010D)</b>																		
Antimony	mg/kg		8,200	27	ND < 1.9	ND < 2.0	ND < 2.0	ND < 1.9	ND < 2.0	ND < 2.0	ND < 1.8	ND < 1.9	ND < 2.1	ND < 2.0	ND < 1.8	ND < 2.0	ND < 2.0	
Arsenic	mg/kg		10	27	ND < 3.8	ND < 4.0	ND < 3.9	ND < 3.8	ND < 4.0	ND < 3.9	ND < 3.6	ND < 3.8	ND < 4.1	5.9	ND < 3.7	ND < 3.9	5.8	
Barium	mg/kg		140,000	4,700	41	67	80	49	55	41	53	40	350	120	63	66	99	
Beryllium	mg/kg		2	2	ND < 0.19	0.26	0.48	0.29	0.24	0.26	0.34	0.2	0.42	0.32	0.38	0.45	0.46	
Cadmium	mg/kg		1,000	34	0.74	1.3	1.3	ND < 0.38	1.5	0.57	0.39	0.51	0.68	1.7	0.53	ND < 0.39	0.98	
Chromium	mg/kg		100	100	13	23	25	16	19	16	16	18	17	20	17	47		
Copper	mg/kg		75,000	2,500	130	78	49	29	52	35	36	29	61	51	37	66		
Lead	mg/kg		1,000	400	100	470	100	51	210	80	45	40	370	150	58	120	140	
Nickel	mg/kg		7,500	1,400	14	19	20	11	78	13	14	11	14	16	25	11	21	
Selenium	mg/kg		10,000	340	ND < 3.8	ND < 4.0	ND < 3.9	ND < 4.0	ND < 3.9	ND < 3.6	ND < 3.8	ND < 4.1	ND < 4.1	ND < 3.7	ND < 3.9	ND < 4.0		
Silver	mg/kg		10,000	340	ND < 0.38	0.81	0.86	0.98	0.56	0.79	0.53	ND < 0.38	1.5	0.73	0.44	0.98	0.79	
Thallium	mg/kg		160	5.4	ND < 1.9	ND < 2.0	ND < 1.9	ND < 2.0	ND < 2.0	ND < 1.8	ND < 1.9	ND < 2.1	ND < 2.0	ND < 1.8	ND < 2.0	ND < 2.0		
Vanadium	mg/kg		14,000	470	19	20	32	29	23	25	46	24	28	46	24	36		
Zinc	mg/kg		610,000	20,000	180	320	200	79	440	150	87	73	370	250	130	94	250	
<b>Metals (SW-846 7471B)</b>																		
Mercury	mg/kg		610	20	0.47	0.62	0.31	0.065	0.45	0.19	0.095	0.077	0.26	0.23	0.17	0.17	0.25	
<b>SPLP Metals (SW-846 8020B)</b>																		
Antimony	ug/l	60			ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	6.5	ND < 5	ND < 5	5.9	ND < 5		
Arsenic	ug/l	500			ND < 4	ND < 4	ND < 4	ND < 4	ND < 4	ND < 4	ND < 4	4.4	4.4	5.6	ND < 4	8	ND < 4	
Barium	ug/l	10,000			70	110	59	58	72	60	60	100	62	66	67	50		
Beryllium	ug/l	40			ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2		
Cadmium	ug/l	50			ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1		
Chromium	ug/l	500			6.8	8.7	10	9.4	9.3	12	6	5.9	7.9	8	11	12		
Copper	ug/l	1,300			34	48	32	24	37	81	22	21	47	51	47	68	43	
Lead	ug/l	150			48	100	84	42	72	100	150	36	240	120	66	200	92	
Nickel	ug/l	1,000			69	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25		
Selenium	ug/l	500			ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25		
Silver	ug/l	360			ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1		
Thallium	ug/l	50			ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1		
Vanadium	ug/l	500			ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25		
Zinc	ug/l	50,000			220	280	85	68	260	150	81	51	190	150	120	110	110	
<b>SPLP Metals (SW-846 7470A)</b>																		
Mercury	ug/L	20			0.0002	0.00015	0.0001	ND < 0.00010	0.00019	0.00015	ND < 0.00010	ND < 0.00010	ND < 0.00010	0.00012	ND < 0.00010	0.00023	0.00018	
<b>Semi-VOCs (SW-846 8270D-E)</b>																		
2-Methylnaphthalene	ug/kg	5,600	1,000,000	270,000	1,000	220	ND < 200	ND < 190	ND < 200	460	ND < 1900	ND < 200	ND < 210	ND < 210	ND < 750	260	ND < 420	
Acenaphthene	ug/kg	84,000	2,500,000	1,000,000	750	ND < 220	ND < 200	ND < 190	ND < 200	590	ND < 1900	ND < 200	270	220	ND < 750	340	ND < 420	
Acenaphthylene	ug/kg	84,000	2,500,000	1,000,000	ND < 190	220	220	290	290	400	ND < 1900	ND < 200	360	ND < 210	300	ND < 750	320	ND < 420
Anthracene	ug/kg	400,000	2,500,000	1,000,000	350	370	240	290	400	440	ND < 1900	ND < 200	360	290	490	1,100</td		

**Table 1**  
**TP-1 Soil Sample Analytical Results Summary**  
**Fairfield Aggregate Recycling Facility**  
**Richard White Way, Fairfield, CT**  
**July 2020**

Analyte concentration exceeds the standard for:

Analyte concentration exceeds the standard for:  
GB PMC  
I/C DEC  
R DEC  
D DEC and GB PMC / I/C DEC for benzene(s)/xylene as well

NOTE

- NOTES:**

  1. Analytical results compared to Connecticut Remediation Standard Regulations (J)
  2. Only compounds that were detected are provided in this table. For a complete li:

ug/kg = microgram per kilogram

mg/kg = milligrams per kilogram

**BOLD** = compound detected at that concentration.

ND < # = Below Reporting Limit (reporting limit specified)

-- = Not Applicable

GB PMC = Groundwater Class

I/C DEC = Industrial/Commercial Direct Exposure Criteria  
R DEC = Residential Direct Exposure Criteria

R DEC = Residential Direct Exposure  
Total PCBs = Sum of detected Aro-

Total PCBs (comp) = Total PCB results multiplied by four (4) because

Total PCBs (comp) = Total PCBs



**Table 2**  
**TP-2 Soil Sample Analytical Results Summary**  
**Fairfield Aggregate Recycling Facility**  
**Richard White Way, Fairfield, CT**  
**July 2020**

Station Name	Units	GB PMC	I/C DEC	R DEC	TP-2 (30-40ft)(10-15ft)-C	TP-2 (30-40ft)(15-20ft)-C	TP-2 (40-50ft)(0-5ft)-C	TP-2 (40-50ft)(5-10ft)-C	TP-2 (40-50ft)(10-15ft)-C	TP-2 (50-60ft)(0-5ft)-C	TP-2 (50-60ft)(5-10ft)-C	TP-2 (50-60ft)(10-15ft)-C	TP-2 (50-60ft)(15-20ft)-C	TP-2 (60-70ft)(0-5ft)-C	TP-2 (60-70ft)(5-10ft)-C	TP-2 (60-70ft)(10-15ft)-C	TP-2 (60-70ft)(15-20ft)-C	TP-2 (70-80ft)(0-5ft)-C
Sample Date					6/4/2020	6/4/2020	6/4/2020	6/4/2020	6/4/2020	6/4/2020	6/4/2020	6/4/2020	6/4/2020	6/4/2020	6/4/2020	6/4/2020	6/4/2020	
Parent Sample																		
<b>Metals (SW-846 6010D)</b>																		
Antimony	mg/kg	8,200	27	ND < 1.9	ND < 2.2	ND < 2.2	ND < 1.9	ND < 2.1	ND < 1.8	ND < 2.3	ND < 1.9	ND < 2.1	ND < 1.9	ND < 1.8	ND < 2.1	ND < 1.9		
Arsenic	mg/kg	10	10	ND < 3.9	<b>16</b>	<b>52</b>	ND < 4.5	ND < 3.9	<b>8.8</b>	<b>52</b>	<b>61</b>	ND < 3.9	<b>13</b>	ND < 3.8	ND < 3.7	ND < 3.6	<b>14</b>	<b>7.3</b>
Barium	mg/kg	140,000	4,700	<b>110</b>	<b>160</b>	<b>65</b>	<b>58</b>	<b>94</b>	<b>85</b>	<b>84</b>	<b>86</b>	<b>110</b>	<b>55</b>	<b>50</b>	<b>46</b>	<b>180</b>	<b>40</b>	
Beryllium	mg/kg	2	2	<b>0.42</b>	<b>0.43</b>	<b>0.44</b>	<b>0.34</b>	<b>0.37</b>	<b>0.35</b>	<b>0.82</b>	<b>0.46</b>	<b>0.46</b>	<b>0.38</b>	<b>0.56</b>	<b>0.38</b>	<b>0.4</b>	<b>0.44</b>	<b>0.34</b>
Cadmium	mg/kg	1,000	34	ND < 0.39	<b>1.9</b>	ND < 0.41	ND < 0.45	ND < 0.39	1	ND < 0.36	1	ND < 0.36	<b>1.8</b>	ND < 0.38	ND < 0.37	ND < 0.36	2	<b>0.46</b>
Chromium	mg/kg	100	100	<b>18</b>	<b>47</b>	<b>29</b>	<b>19</b>	<b>18</b>	<b>26</b>	<b>24</b>	<b>54</b>	<b>17</b>	<b>28</b>	<b>16</b>	<b>19</b>	<b>31</b>	<b>26</b>	
Copper	mg/kg	76,000	2,500	<b>26</b>	<b>180</b>	<b>53</b>	<b>37</b>	<b>49</b>	<b>82</b>	<b>36</b>	<b>89</b>	<b>40</b>	<b>130</b>	<b>23</b>	<b>33</b>	<b>160</b>	<b>80</b>	
Lead	mg/kg	1,000	400	<b>37</b>	<b>290</b>	<b>40</b>	<b>50</b>	<b>160</b>	<b>69</b>	<b>130</b>	<b>66</b>	<b>54</b>	<b>43</b>	<b>72</b>	<b>400</b>	<b>24</b>		
Nickel	mg/kg	7,500	1,400	<b>13</b>	<b>33</b>	<b>14</b>	<b>13</b>	<b>18</b>	<b>13</b>	<b>18</b>	<b>13</b>	<b>23</b>	<b>9.2</b>	<b>13</b>	<b>23</b>	<b>16</b>		
Selenium	mg/kg	10,000	340	ND < 3.9	ND < 4.4	ND < 4.1	ND < 4.5	ND < 3.9	ND < 4.2	ND < 3.6	ND < 4.6	ND < 3.9	ND < 4.2	ND < 3.8	ND < 3.7	ND < 3.6	ND < 4.3	
Silver	mg/kg	10,000	340	ND < 0.39	<b>5.9</b>	ND < 0.41	ND < 0.45	ND < 0.39	<b>2.6</b>	<b>0.67</b>	<b>1.7</b>	<b>0.94</b>	<b>2.6</b>	<b>0.66</b>	<b>0.8</b>	<b>1</b>	<b>3.3</b>	<b>0.96</b>
Thallium	mg/kg	160	54	ND < 1.9	ND < 2.2	ND < 2.0	ND < 2.2	ND < 1.9	ND < 2.1	ND < 1.8	ND < 2.3	ND < 1.9	ND < 2.1	ND < 1.9	ND < 1.8	ND < 2.1	ND < 1.9	
Vanadium	mg/kg	14,000	470	<b>36</b>	<b>29</b>	<b>31</b>	<b>30</b>	<b>27</b>	<b>36</b>	<b>33</b>	<b>36</b>	<b>26</b>	<b>37</b>	<b>35</b>	<b>30</b>	<b>36</b>		
Zinc	mg/kg	610,000	20,000	<b>65</b>	<b>620</b>	<b>100</b>	<b>130</b>	<b>110</b>	<b>290</b>	<b>94</b>	<b>230</b>	<b>93</b>	<b>600</b>	<b>74</b>	<b>78</b>	<b>500</b>	<b>91</b>	
<b>Metals (SW-846 7471B)</b>																		
Mercury	ug/l	610	20	<b>0.056</b>	<b>0.33</b>	<b>0.054</b>	<b>0.24</b>	<b>0.15</b>	<b>0.19</b>	ND < 0.028	<b>0.24</b>	<b>0.086</b>	<b>0.18</b>	<b>0.065</b>	<b>0.056</b>	<b>0.064</b>	<b>0.2</b>	<b>0.11</b>
<b>SPLP Metals (SW-846 6020B)</b>																		
Antimony	ug/l	60		ND < 5	<b>12</b>	ND < 5	ND < 5	ND < 5	<b>6.3</b>	ND < 5	<b>7.8</b>	ND < 5	<b>6.6</b>	ND < 5	ND < 5	<b>13</b>	ND < 5	
Arsenic	ug/l	500		<b>6.6</b>	<b>15</b>	<b>8.1</b>	<b>9.6</b>	<b>12</b>	ND < 4	<b>7.2</b>	ND < 4	<b>15</b>	ND < 4	<b>4.9</b>	<b>16</b>	<b>5.4</b>		
Barium	ug/l	10,000		<b>150</b>	<b>150</b>	<b>110</b>	<b>130</b>	ND < 50	<b>62</b>	ND < 50	<b>100</b>	<b>65</b>	<b>75</b>	ND < 50	<b>83</b>	ND < 50		
Beryllium	ug/l	40		ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2		
Cadmium	ug/l	50		ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	<b>1.2</b>	ND < 1		
Chromium	ug/l	500		<b>5.9</b>	<b>10</b>	<b>7.9</b>	<b>10</b>	ND < 5	<b>8.1</b>	ND < 5	<b>11</b>	<b>6.2</b>	<b>8.3</b>	<b>8.7</b>	<b>8.8</b>	<b>12</b>	<b>10</b>	
Copper	ug/l	1,300		<b>13</b>	<b>75</b>	<b>27</b>	<b>39</b>	<b>14</b>	<b>59</b>	<b>5</b>	<b>67</b>	<b>18</b>	<b>36</b>	<b>27</b>	<b>20</b>	<b>19</b>	<b>30</b>	
Lead	ug/l	150		<b>37</b>	<b>160</b>	<b>27</b>	<b>44</b>	<b>52</b>	<b>110</b>	<b>2.5</b>	<b>140</b>	<b>33</b>	<b>63</b>	<b>55</b>	<b>24</b>	<b>130</b>	<b>19</b>	
Nickel	ug/l	1,000		ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25		
Selenium	ug/l	500		ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25		
Silver	ug/l	360		ND < 1	<b>1.6</b>	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	<b>1.5</b>	ND < 1		
Thallium	ug/l	50		ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1		
Vanadium	ug/l	500		ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25		
Zinc	ug/l	50,000		<b>120</b>	<b>280</b>	<b>120</b>	<b>150</b>	ND < 50	<b>130</b>	<b>70</b>	<b>200</b>	<b>70</b>	<b>350</b>	<b>87</b>	<b>60</b>	<b>230</b>	ND < 50	
<b>SPLP Metals (SW-846 7470A)</b>																		
Mercury	ug/l	20		ND < 0.00010	ND < 0.00010	ND < 0.00010	ND &											

**Table 2**  
**TP-2 Soil Sample Analytical Results Summary**  
**Fairfield Aggregate Recycling Facility**  
**Richard White Way, Fairfield, CT**  
**July 2020**

Station Name	Units	GB PMC	I/C DEC	R DEC	TP-2 (70-80ft)(5-10ft)-C	TP-2 (70-80ft)(10-15ft)-C	TP-2 (70-80ft)(15-20ft)-C	TP-2 (80-90ft)(0-5ft)-C	TP-2 (80-90ft)(5-10ft)-C	TP-2 (80-90ft)(10-15ft)-C	TP-2 (80-90ft)(15-20ft)-C	TP-2 (90-100ft)(0-5ft)-C	TP-2 (90-100ft)(5-10ft)-C	TP-2 (90-100ft)(10-15ft)-C	TP-2 (90-100ft)(15-20ft)-C	DUP-3-C	DUP-4-C
Sample Date					6/4/2020	6/4/2020	6/4/2020	6/4/2020	6/4/2020	6/4/2020	6/4/2020	6/4/2020	6/4/2020	6/4/2020	6/4/2020	6/4/2020	
Parent Sample																	
<b>Metals (SW-846 6010D)</b>																	
Antimony	mg/kg	8,200	27	ND < 1.8	ND < 1.8	ND < 1.9	ND < 2.2	ND < 1.9	ND < 2.0	ND < 2.0	ND < 2.0	ND < 1.9	ND < 2.0	ND < 1.9	ND < 1.9	ND < 1.9	
Arsenic	mg/kg	10	10	7	ND < 3.7	4.1	10	4.8	ND < 3.8	8	4.7	4.6	4.5	6.9	ND < 3.9	ND < 3.8	
Barium	mg/kg	140,000	4,700	46	62	46	56	51	51	110	66	60	61	90	50	60	
Beryllium	mg/kg	2	2	0.37	0.4	0.38	0.46	0.42	0.44	0.41	0.46	0.43	0.53	0.42	0.37	0.39	
Cadmium	mg/kg	1,000	34	0.36	ND < 0.37	0.42	0.51	0.39	ND < 0.38	1.4	ND < 0.40	ND < 0.39	0.43	1.2	ND < 0.39	ND < 0.38	
Chromium	mg/kg	100	100	29	18	16	34	16	28	26	21	23	19	22	17	15	
Copper	mg/kg	76,000	2,500	54	38	45	73	52	35	110	61	42	39	83	31	38	
Lead	mg/kg	1,000	400	44	40	66	25	38	43	180	200	36	59	140	35	53	
Nickel	mg/kg	7,500	1,400	14	18	11	20	13	15	20	14	18	14	12	13		
Selenium	mg/kg	10,000	340	ND < 3.6	ND < 3.7	ND < 4.3	ND < 3.8	ND < 3.8	ND < 4.0	ND < 4.0	ND < 3.9	ND < 4.0	ND < 3.9	ND < 3.8	ND < 3.8		
Silver	mg/kg	10,000	340	0.86	0.84	1.8	0.78	0.98	0.95	3.5	0.86	0.94	1.2	2.8	ND < 0.39	ND < 0.38	
Thallium	mg/kg	160	54	ND < 1.8	ND < 1.8	ND < 1.9	ND < 2.2	ND < 1.9	ND < 2.0	ND < 2.0	ND < 2.0	ND < 1.9	ND < 2.0	ND < 1.9	ND < 1.9		
Vanadium	mg/kg	14,000	470	32	31	27	40	38	35	26	41	36	32	28	30	36	
Zinc	mg/kg	610,000	20,000	98	66	100	91	73	64	350	80	79	93	260	91	100	
<b>Metals (SW-846 7471B)</b>																	
Mercury	mg/kg	610	20	0.054	0.056	0.094	0.042	0.07	0.096	0.25	0.034	0.053	0.077	0.19	0.046	0.068	
<b>SPLP Metals (SW-846 6020B)</b>																	
Antimony	ug/l	60		ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	11	ND < 5	ND < 5	8	ND < 5	ND < 5	ND < 5	
Arsenic	ug/l	500		6.2	ND < 4	6.1	5	ND < 4	8.1	5.6	7.3	4.1	5.4	4.3	ND < 4		
Barium	ug/l	10,000		ND < 50	ND < 50	74	76	59	62	75	60	62	73	62	74		
Beryllium	ug/l	40		ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2		
Cadmium	ug/l	50		ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	12	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1		
Chromium	ug/l	500		9.7	10	11	13	10	11	15	10	11	12	11	10	11	
Copper	ug/l	1,300		28	23	26	26	18	22	86	22	23	30	47	22	25	
Lead	ug/l	150		20	27	49	16	30	33	130	50	29	39	68	26	47	
Nickel	ug/l	1,000		ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25		
Selenium	ug/l	500		ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25		
Silver	ug/l	360		ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	2.1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1		
Thallium	ug/l	50		ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1		
Vanadium	ug/l	500		ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25		
Zinc	ug/l	50,000		60	60	110	78	69	73	250	68	75	99	170	72	92	
<b>SPLP Metals (SW-846 7470A)</b>																	
Mercury	ug/l	20		ND < 0.00010	ND < 0.00010	ND < 0.00010	ND < 0.00010	ND < 0.00010	ND < 0.00010	ND < 0.00010	ND < 0.00010	ND < 0.00010	ND < 0.00010	ND < 0.00010	ND < 0.00010	ND < 0.00010	
<b>Semi-VOCs (SW-846 6270D-E)</b>																	
2-Methylnaphthalene	ug/kg	5,600	1,000,000	270,000	ND < 190	ND < 190	ND < 390	ND < 220	ND < 960	ND < 400	220	ND < 820	ND < 400	ND < 410	ND < 410	ND < 390	
Acenaphthene	ug/kg	84,000	2,500,000	1,000,000	ND < 190	ND < 190	ND < 390	ND < 220	ND < 960	ND < 400	400	ND < 820	ND < 400	ND < 410	ND < 410	ND < 390	
Acenaphthylene	ug/kg	84,000	2,500,000	1,000,000	290	400	490	ND < 220	ND < 960	710	300	ND < 820	ND < 400	ND < 410	ND < 410	ND < 390	
Anthracene	ug/kg	400,000	2,500,000	1,000,000	330	440	620	310	1,000	700	710	ND < 820	ND < 400	470	440	ND < 390</	

**Table 3**  
**TP-3 Soil Sample Analytical Results Summary**  
**Fairfield Aggregate Recycling Facility**  
**Richard White Way, Fairfield, CT**  
**July 2020**

Station Name	Units	GB PMC	I/C DEC	R DEC	TP-3 (0-10ft)(0-5ft)-C	TP-3 (0-10ft)(5-10ft)-C	TP-3 (0-10ft)(10-15ft)-C	TP-3 (0-10ft)(15-20ft)-C	TP-3 (10-20ft)(0-5ft)-C	TP-3 (10-20ft)(5-10ft)-C	TP-3 (10-20ft)(10-15ft)-C	TP-3 (10-20ft)(15-20ft)-C	TP-3 (20-30ft)(0-5ft)-C	TP-3 (20-30ft)(5-10ft)-C	TP-3 (20-30ft)(10-15ft)-C	TP-3 (20-30ft)(15-20ft)-C	TP-3 (30-40ft)(0-5ft)-C	TP-3 (30-40ft)(5-10ft)-C
Sample Date					6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	
Parent Sample																		
<b>Metals (SW-846 6010D)</b>																		
Antimony	mg/kg		8,200	27	ND <1.9	ND <1.9	ND <2.0	ND <1.8	ND <1.9	ND <1.9	ND <1.9	ND <1.9	ND <1.8	ND <2.0	ND <2.2	ND <1.8	ND <1.9	
Arsenic	mg/kg		10	10	ND <3.8	ND <3.8	ND <4.0	ND <3.7	ND <3.7	ND <3.7	ND <3.7	ND <3.7	ND <3.8	ND <4.0	ND <4.4	ND <3.7	ND <3.7	
Barium	mg/kg		140,000	4,700	110	55	65	91	90	67	65	71	120	85	49	74	66	58
Beryllium	mg/kg		2	2	0.52	0.37	0.38	0.41	0.49	0.41	0.38	0.4	0.81	0.53	0.3	0.35	0.51	0.42
Cadmium	mg/kg		1,000	34	ND <0.38	ND <0.38	ND <0.40	0.72	ND <0.37	ND <0.37	ND <0.37	0.45	ND <0.38	ND <0.36	ND <0.40	0.64	ND <0.37	0.38
Chromium	mg/kg		100	100	23	16	19	23	21	18	19	27	33	21	14	20	19	19
Copper	mg/kg		76,000	2,500	24	34	33	64	22	29	39	66	570	26	30	300	25	34
Lead	mg/kg		1,000	400	61	47	49	130	34	36	60	87	28	57	99	35	59	
Nickel	mg/kg		7,500	1,400	14	12	14	21	13	15	25	15	13	11	14	12	12	
Selenium	mg/kg		10,000	340	ND <3.8	ND <3.8	ND <4.0	ND <3.7	ND <3.7	ND <3.7	ND <3.9	ND <3.8	ND <3.6	ND <4.0	ND <4.4	ND <3.7	ND <3.7	
Silver	mg/kg		10,000	340	ND <0.38	0.5	0.43	1.9	ND <0.37	ND <0.37	0.58	1.4	ND <0.38	ND <0.36	2.6	0.97	ND <0.37	0.43
Thallium	mg/kg		160	54	ND <1.9	ND <1.9	ND <2.0	ND <1.8	ND <1.8	ND <1.9	ND <1.9	ND <1.9	ND <1.8	ND <2.0	ND <2.2	ND <1.8	ND <1.9	
Vanadium	mg/kg		14,000	470	30	26	28	24	27	32	33	31	37	30	28	26	29	27
Zinc	mg/kg		610,000	20,000	72	210	220	230	59	80	110	140	60	70	74	200	68	94
<b>Metals (SW-846 7470A)</b>																		
Mercury	mg/kg		610	20	0.1	0.067	0.11	0.18	0.084	0.082	0.11	0.18	0.071	0.08	0.07	0.097	0.064	0.082
<b>SPLP Metals (SW-846 6020B)</b>																		
Antimony	ug/l	60			ND <5	ND <5	ND <5	8.2	ND <5	ND <5	ND <5	ND <5	ND <5	ND <5	5.8	ND <5	ND <5	
Arsenic	ug/l	500			4.3	ND <4	ND <4	6.4	ND <4	ND <4	ND <4	ND <4	ND <4	ND <4	14	ND <4	ND <4	
Barium	ug/l	10,000			85	54	69	84	80	56	67	61	92	64	170	68	81	
Beryllium	ug/l	40			ND <2	ND <2	ND <2	ND <2	ND <2	ND <2	ND <2	ND <2	ND <2	ND <2	ND <2	ND <2	ND <2	
Cadmium	ug/l	50			ND <1	ND <1	ND <1	ND <1	ND <1	ND <1	ND <1	ND <1	ND <1	ND <1	ND <1	ND <1	ND <1	
Chromium	ug/l	500			14	5.7	6	16	10	8.1	13	11	12	11	8.6	11	13	11
Copper	ug/l	1,300			27	10	9.2	86	12	14	30	28	17	18	35	17	22	
Lead	ug/l	150			66	23	17	140	23	22	46	42	27	35	29	70	25	39
Nickel	ug/l	1,000			ND <25	ND <25	ND <25	ND <25	ND <25	ND <25	ND <25	ND <25	ND <25	ND <25	ND <25	ND <25	ND <25	
Selenium	ug/l	500			ND <25	ND <25	ND <25	ND <25	ND <25	ND <25	ND <25	ND <25	ND <25	ND <25	ND <25	ND <25	ND <25	
Silver	ug/l	360			ND <1	ND <1	ND <1	1.1	ND <1	ND <1	ND <1	ND <1	ND <1	ND <1	ND <1	ND <1	ND <1	
Thallium	ug/l	50			ND <1	ND <1	ND <1	ND <1	ND <1	ND <1	ND <1	ND <1	ND <1	ND <1	ND <1	ND <1	ND <1	
Vanadium	ug/l	500			ND <25	ND <25	ND <25	ND <25	ND <25	ND <25	ND <25	ND <25	ND <25	ND <25	ND <25	ND <25	ND <25	
Zinc	ug/l	50,000			61	92	95	170	50	64	79	83	68	51	95	210	50	98
<b>SPLP Metals (SW-846 7471B)</b>																		
Mercury	mg/l	20			0.0001	ND <0.00010	ND <0.00010	ND <0.00010	ND <0.00010	ND <0.00010	ND <0.00010	ND <0.00010	ND <0.00010	ND <0.00010	0.00022	ND <0.00010	ND <0.00010	ND <0.00010
<b>Semi-VOAs (SW-846 8270D-E)</b>																		
2-Methylnaphthalene	ug/kg	5,600	1,000,000	270,000	ND <390	ND <390	ND <410	ND <390	ND <190	ND <380	ND <390	ND <400	ND <390	ND <410	ND <450	ND <190	ND <390	
Acenaphthene	ug/kg	84,000	2,500,000	2,500,000	ND <390	ND <390	ND <410	ND <390	ND <190	ND <380	ND <390	ND <400	ND <390	ND <410	ND <450	ND <190	ND <390	
Acenaphthylene	ug/kg	84,000	2,500,000	1,000,000	ND <390	650	500	ND <390	ND <190	ND <380	390	ND <400	ND <390	790	ND <450	ND <190	ND <390	
Anthracene	ug/kg	400,000	2,500,000	1,000,000														

**Table 3**  
**TP-3 Soil Sample Analytical Results Summary**  
**Fairfield Aggregate Recycling Facility**  
**Richard White Way, Fairfield, CT**  
**July 2020**

Station Name	Units	GB PMC	I/C DEC	R DEC	TP-3 (30-40ft)(10-15ft)-C	TP-3 (30-40ft)(15-20ft)-C	TP-3 (40-50ft)(0-5ft)-C	TP-3 (40-50ft)(5-10ft)-C	TP-3 (40-50ft)(10-15ft)-C	TP-3 (40-50ft)(15-20ft)-C	TP-3 (50-60ft)(0-5ft)-C	TP-3 (50-60ft)(5-10ft)-C	TP-3 (50-60ft)(10-15ft)-C	TP-3 (50-60ft)(15-20ft)-C	TP-3 (60-70ft)(0-5ft)-C	TP-3 (60-70ft)(5-10ft)-C	TP-3 (60-70ft)(10-15ft)-C	TP-3 (60-70ft)(15-20ft)-C
Sample Date					6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	6/5/2020	
Parent Sample																		
<b>Metals (SW-846 6010D)</b>																		
Antimony	mg/kg		8,200	27	ND <1.9	ND <2.1	ND <1.9	ND <2.0	ND <1.9	ND <1.9	ND <1.9	ND <2.0	ND <1.9	ND <1.9	ND <1.9	ND <1.9	ND <2.0	
Arsenic	mg/kg		10	10	ND <3.8	<b>4.3</b>	ND <3.8	ND <4.0	<b>5</b>	ND <3.8	<b>4.5</b>	<b>3.9</b>	ND <4.0	<b>4.5</b>	<b>3.8</b>	ND <3.7	ND <3.9	
Barium	mg/kg		140,000	4,700	<b>52</b>	<b>63</b>	<b>68</b>	<b>79</b>	<b>64</b>	<b>65</b>	<b>73</b>	<b>60</b>	<b>57</b>	<b>59</b>	<b>81</b>	<b>51</b>	<b>54</b>	<b>74</b>
Beryllium	mg/kg		2	2	<b>0.32</b>	<b>0.36</b>	<b>0.6</b>	<b>0.57</b>	<b>0.48</b>	<b>0.49</b>	<b>0.65</b>	<b>0.52</b>	<b>0.49</b>	<b>0.39</b>	<b>0.64</b>	<b>0.4</b>	<b>0.43</b>	<b>0.54</b>
Cadmium	mg/kg		1,000	34	ND <0.38	<b>0.46</b>	ND <0.38	ND <0.40	<b>1.1</b>	ND <0.38	<b>0.4</b>	ND <0.39	<b>0.52</b>	ND <0.38	ND <0.37	ND <0.37	ND <0.39	
Chromium	mg/kg		100	100	<b>18</b>	<b>19</b>	<b>20</b>	<b>20</b>	<b>19</b>	<b>21</b>	<b>20</b>	<b>19</b>	<b>16</b>	<b>20</b>	<b>14</b>	<b>16</b>	<b>20</b>	
Copper	mg/kg		76,000	2,500	<b>33</b>	<b>39</b>	<b>25</b>	<b>28</b>	<b>32</b>	<b>37</b>	<b>35</b>	<b>31</b>	<b>39</b>	<b>25</b>	<b>28</b>	<b>34</b>	<b>34</b>	
Lead	mg/kg		1,000	400	<b>62</b>	<b>67</b>	<b>40</b>	<b>39</b>	<b>58</b>	<b>66</b>	<b>62</b>	<b>40</b>	<b>70</b>	<b>34</b>	<b>30</b>	<b>53</b>		
Nickel	mg/kg		7,500	1,400	<b>12</b>	<b>13</b>	<b>13</b>	<b>12</b>	<b>15</b>	<b>13</b>	<b>12</b>	<b>15</b>	<b>13</b>	<b>11</b>	<b>11</b>	<b>14</b>		
Selenium	mg/kg		10,000	340	ND <3.8	ND <4.2	ND <3.8	ND <4.0	ND <3.8	ND <3.8	ND <3.9	ND <4.0	ND <3.8	ND <3.7	ND <3.7	ND <3.9		
Silver	mg/kg		10,000	340	<b>0.52</b>	<b>1.4</b>	ND <0.38	ND <0.40	<b>9.5</b>	<b>0.86</b>	<b>0.79</b>	<b>0.5</b>	<b>5.2</b>	ND <0.38	<b>0.47</b>	<b>0.4</b>	<b>1.7</b>	
Thallium	mg/kg		160	54	ND <1.9	ND <2.1	ND <1.9	ND <2.0	ND <1.9	ND <1.9	ND <1.9	ND <1.9	ND <2.0	ND <1.9	ND <1.9	ND <2.0		
Vanadium	mg/kg		14,000	470	<b>26</b>	<b>32</b>	<b>30</b>	<b>31</b>	<b>28</b>	<b>31</b>	<b>30</b>	<b>28</b>	<b>33</b>	<b>21</b>	<b>29</b>	<b>34</b>	<b>31</b>	
Zinc	mg/kg		610,000	20,000	<b>90</b>	110	<b>72</b>	71	91	110	59	89	73	98	<b>58</b>	<b>54</b>	<b>68</b>	<b>84</b>
<b>Metals (SW-846 7470A)</b>																		
Mercury	mg/kg		610	20	0.062	0.067	0.068	0.068	0.064	0.26	0.066	0.095	0.061	0.12	0.068	0.058	0.068	0.091
<b>SPLP Metals (SW-846 8020B)</b>																		
Antimony	ug/l	60			ND <5	ND <5	ND <5	ND <5	ND <5	ND <5	ND <5	ND <5	ND <5	ND <5	ND <5	ND <5	ND <5	
Arsenic	ug/l	500			ND <4	<b>8.7</b>	ND <4	ND <4	<b>8.8</b>	<b>7.7</b>	ND <4	<b>4.9</b>	ND <4	<b>4.7</b>	ND <4	<b>5.3</b>	ND <4	<b>4.7</b>
Barium	ug/l	10,000			50	<b>150</b>	50	50	50	<b>56</b>	50	50	<b>53</b>	50	50	50	50	
Beryllium	ug/l	40			ND <2	ND <2	ND <2	ND <2	ND <2	ND <2	ND <2	ND <2	ND <2	ND <2	ND <2	ND <2	ND <2	
Cadmium	ug/l	50			ND <1	ND <1	ND <1	ND <1	ND <1	ND <1	ND <1	ND <1	ND <1	ND <1	ND <1	ND <1	ND <1	
Chromium	ug/l	500			<b>6.4</b>	<b>10</b>	<b>9</b>	<b>11</b>	<b>14</b>	<b>12</b>	<b>11</b>	<b>8.8</b>	<b>10</b>	<b>13</b>	<b>8.9</b>	<b>8.5</b>	<b>10</b>	
Copper	ug/l	1,300			<b>13</b>	<b>25</b>	<b>18</b>	<b>17</b>	<b>32</b>	<b>32</b>	<b>23</b>	<b>31</b>	<b>20</b>	<b>21</b>	<b>21</b>	<b>20</b>	<b>29</b>	
Lead	ug/l	150			<b>20</b>	<b>50</b>	<b>28</b>	<b>24</b>	<b>49</b>	<b>51</b>	<b>40</b>	<b>52</b>	<b>29</b>	<b>47</b>	<b>37</b>	<b>25</b>	<b>29</b>	
Nickel	ug/l	1,000			ND <25	ND <25	<b>27</b>	ND <25	ND <25	ND <25	ND <25	ND <25	ND <25	ND <25	ND <25	ND <25		
Selenium	ug/l	500			ND <25	ND <25	ND <25	ND <25	ND <25	ND <25	ND <25	ND <25	ND <25	ND <25	ND <25	ND <25		
Silver	ug/l	360			ND <1	ND <1	ND <1	ND <1	ND <1	<b>1.9</b>	<b>2.1</b>	ND <1	ND <1	<b>2.2</b>	ND <1	ND <1	ND <1	
Thallium	ug/l	50			ND <1	ND <1	ND <1	ND <1	ND <1	ND <1	ND <1	ND <1	ND <1	ND <1	ND <1	ND <1		
Vanadium	ug/l	500			ND <25	ND <25	ND <25	ND <25	ND <25	ND <25	ND <25	ND <25	ND <25	ND <25	ND <25	ND <25		
Zinc	ug/l	50,000			50	<b>160</b>	<b>150</b>	<b>70</b>	<b>51</b>	<b>65</b>	<b>50</b>	<b>56</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>		
<b>SPLP Metals (SW-846 7471B)</b>																		
Mercury	mg/l	20			ND <0.00010	ND <0.00010	ND <0.00010	ND <0.00010	ND <0.00010	ND <0.00010	ND <0.00010	ND <0.00010	ND <0.00010	ND <0.00010	ND <0.00010	ND <0.00010	ND <0.00010	
<b>Semi-VOAs (SW-846 8270D-E)</b>																		
2-Methylnaphthalene	ug/kg	5,600	1,000,000	270,000	ND <400	ND <430	ND <390	ND <410	ND <400	ND <200	ND <190	ND <200						

**Table 3**  
**TP-3 Soil Sample Analytical Results Summary**  
**Fairfield Aggregate Recycling Facility**  
**Richard White Way, Fairfield, CT**  
**July 2020**

Analyte concentration exceeds the standard for

Analysed concentration exceeds the standard for:	
GB PMC	
I/C DEC	
R DEC	
R PES	LGR PMC / I/C DEC / R DEC

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- NOTES:**

  1. Analytical results compared to Connecticut Remediation Standard Regulations
  2. Only compounds that were detected are provided in this table. For a complete
  3. For those compounds without listed concentrations in the PCPs, values from

3. For those compounds without listed

mg/kg = milligrams per kilogram

**BOLD** = compound

**BOLD** = compound detected at that concentration.  
ND < # = Below Reporting Limit (reporting limit specified).

ND < # = Below Reporting Limit (reporting limit specified)  
- = Not Applicable

-- = Not Applicable

GB PMC = Groundwater Classification B Pollutant Mobility Criteria  
I/C DEC = Industrial/Commercial Direct Exposure Criteria

R DEC = Residential Direct Exposure C

Total PCBs = Sum of detected Aroclors

Total PCBs (comp) = Total PCB results multiplied by four (4) b

**Table 4**  
**TP-4 Soil Sample Analytical Results Summary**  
**Fairfield Aggregate Recycling Facility**  
**Fairfield, CT**  
**July 2000**

Station Name	Units	GB PMC	I/C DEC	R DEC	TP4 (0-10)(0-5) - C	TP4 (0-10)(5-10) - C	TP4 (0-10)(10-15) - C	TP4 (0-10)(15-20) - C	TP4 (0-20)(0-5) - C	TP4 (0-20)(5-10) - C	TP4 (10-20)(10-15) - C	TP4 (10-20)(15-20) - C	TP4 (20-30)(0-5) - C	TP4 (20-30)(5-10) - C	TP4 (20-30)(10-15) - C	TP4 (20-30)(15-20) - C	TP4 (30-40)(0-5) - C
Sample Date					6/8/2020	6/8/2020	6/8/2020	6/8/2020	6/8/2020	6/8/2020	6/8/2020	6/8/2020	6/8/2020	6/8/2020	6/8/2020	6/8/2020	6/8/2020
<b>Metals (SW-846 6010D)</b>																	
Antimony	mg/kg		8,200	27	ND < 1.9	ND < 2.0	ND < 2.1	ND < 2.0	ND < 1.9	ND < 2.1	ND < 1.9	ND < 2.1	ND < 2.1	ND < 2.1	ND < 2.2	ND < 1.8	
Arsenic	mg/kg		10	10	5.3	ND < 4.0	6.3	ND < 4.1	4.8	6	6.2	ND < 4.1	6.1	7.7	ND < 4.1	ND < 4.5	5.1
Barium	mg/kg		140,000	4,700	110	130	110	70	100	150	120	70	250	160	210	190	77
Beryllium	mg/kg		2	2	0.6	0.43	0.51	0.47	0.71	0.5	0.49	0.38	0.61	0.58	0.48	0.66	0.45
Cadmium	mg/kg		1,000	34	1.2	2.8	2.1	1.7	1	2.1	2	2	1.2	3.3	6.6	2.7	0.77
Chromium	mg/kg		100	100	40	180	74	170	29	87	92	85	30	110	400	160	23
Copper	mg/kg		76,000	2,500	69	160	310	77	91	120	180	89	240	200	290	150	53
Lead	mg/kg		1,000	400	170	430	320	91	140	510	990	180	200	400	880	420	110
Nickel	mg/kg		7,500	1,400	21	28	30	16	75	21	23	25	19	28	43	27	17
Selenium	mg/kg		10,000	340	ND < 3.7	ND < 4.0	ND < 4.1	ND < 4.1	ND < 3.9	ND < 3.9	ND < 3.9	ND < 4.1	ND < 3.8	ND < 4.2	ND < 4.1	ND < 4.5	ND < 3.6
Silver	mg/kg		10,000	340	2.6	7.3	5.8	6.1	2.3	11	7.5	13	7	12	15	25	3.5
Thallium	mg/kg		160	5.4	ND < 1.9	ND < 2.0	ND < 2.0	ND < 2.1	ND < 2.0	ND < 1.9	ND < 2.1	ND < 1.9	ND < 2.1	ND < 2.2	ND < 1.8		
Vanadium	mg/kg		14,000	470	33	28	36	23	42	30	31	20	39	33	27	27	37
Zinc	mg/kg		610,000	20,000	180	260	440	130	150	300	240	230	370	470	420	930	140
<b>Metals (SW-846 7471B)</b>																	
Mercury	mg/kg		610	20	0.46	1.4	0.73	0.06	ND < 0.028	0.67	0.65	0.17	0.37	0.75	0.96	0.92	0.23
<b>Semi-VOAs (SW-846 8270D-E)</b>																	
2-Methyl/naphthalene	ug/kg	5,600	1,000,000	270,000	<390	590	<410	ND < 220	450	<410	3,300	1,400	<780	510	<420	720	650
Acenaphthene	ug/kg	84,000	2,500,000	1,000,000	<390	<400	<410	ND < 220	750	<410	11,000	3,700	<780	<430	<420	610	1,200
Acenaphthylene	ug/kg	84,000	2,500,000	1,000,000	<390	<400	<410	ND < 220	1,800	630	530	<430	1,100	<430	520	500	1,400
Anthracene	ug/kg	400,000	2,500,000	1,000,000	<390	<400	<410	ND < 220	3,200	610	23,000	5,600	1,600	510	550	1,300	2,900
Benz(a)anthracene	ug/kg	1,000	7,800	1,000	930	730	790	ND < 220	9,300	2,000	32,000	7,800	4,200	1,000	1,500	2,500	6,100
Benz(a)pyrene	ug/kg	1,000	1,000	1,000	830	830	ND < 220	10,000	2,100	32,000	7,300	4,000	1,100	1,600	2,200	5,900	
Benz(b)fluoranthene	ug/kg	1,000	7,800	1,000	1,100	960	1,100	ND < 220	14,000	2,600	40,000	9,000	4,700	1,300	1,700	2,600	6,500
Benz(g,h,i)perylene	ug/kg	1,000	78,000	8,400	630	510	470	ND < 220	6,600	1,400	20,000	4,200	2,600	750	1,100	1,400	3,000
Benz(k)fluoranthene	ug/kg	1,000	78,000	8,400	450	<400	<410	ND < 220	4,900	1,000	13,000	3,600	1,700	470	650	980	2,500
Chrysene	ug/kg	1,000	780,000	8,400	1,500	950	1,100	ND < 220	11,000	2,500	28,000	7,100	4,600	1,200	1,700	2,600	6,100
Dibenz(a,h)anthracene	ug/kg	1,000	1,000	1,000	<390	<400	<410	ND < 220	1,500	<410	5,500	1,200	780	<430	<420	460	930
Fluoranthene	ug/kg	56,000	2,500,000	1,000,000	2,000	1,900	2,100	400	33,000	5,000	79,000	24,000	9,400	2,800	3,400	7,200	17,000
Fluorene	ug/kg	56,000	2,500,000	1,000,000	<390	<400	<410	ND < 220	1,600	540	13,000	3,600	1,500	610	540	1,700	2,600
Indeno[1,2,3-cd]pyrene	ug/kg	1,000	7,800	1,000	750	570	490	ND < 220	8,200	1,500	24,000	5,200	2,900	870	1,200	1,500	3,600
Naphthalene	ug/kg	56,000	2,500,000	1,000,000	<390	<400	<410	ND < 220	440	540	7,400	3,500	<780	580	490	720	570
Phenanthrene	ug/kg	40,000	2,500,000	1,000,000	1,400	1,400	1,600	290	18,000	3,400	68,000	23,000	7,200	2,200	2,200	7,000	15,000
Pyrene	ug/kg	40,000	2,500,000	1,000,000	2,500	2,600	2,200	420	25,000	5,400	65,000	17,000	10,000	3,100	4,400	7,200	19,000
Total PAHs	ug/kg	-	-	-	12,260	11,040	10,680	1,110	149,740	29,220	464,730	127,200	56,180	17,500	21,550	41,170	94,950
<b>PCBs (SW-846 8082A)</b>																	
Aroclor-1016	mg/kg	-	-	-	ND < 0.45	ND < 9.2	ND < 2.3	ND < 0.097	ND < 0.092	ND < 1.9	ND < 18	ND < 2.3	ND < 0.087	ND < 2.4	ND < 18	ND < 5.1	ND < 0.084
Aroclor-1221	mg/kg	-	-	-	ND < 0.45	ND < 9.2	ND < 2.3	ND < 0.097	ND < 0.092								

Table 4  
TP-4 Soil Sample Analytical Results Summary  
Fairfield Aggregate Recycling Facility  
Fairfield, CT  
July 2000

Station Name	Units	GB PMC	I/C DEC	R DEC	TP4 (30-40)(5-10) - C	TP4 (30-40)(10-15) - C	TP4 (30-40)(15-20) - C	TP4 (40-50)(0-5) - C	TP4 (40-50)(5-10) - C	TP4 (40-50)(10-15) - C	TP4 (40-50)(15-20) - C	TP4 (50-60)(0-5) - C	TP4 (50-60)(5-10) - C	TP4 (50-60)(10-15) - C	TP4 (50-60)(15-20) - C	TP4 (50-60)(0-5) - C	TP4 (50-60)(5-10) - C	TP4 (50-60)(10-15) - C	TP4 (50-60)(15-20) - C	TP4 (60-70)(0-5) - C	TP4 (60-70)(5-10) - C
Sample Date					6/8/2020	6/8/2020	6/8/2020	6/8/2020	6/8/2020	6/8/2020	6/8/2020	6/8/2020	6/8/2020	6/8/2020	6/8/2020	6/8/2020	6/8/2020	6/8/2020	6/8/2020	6/8/2020	
<b>Metals (SW-846 6010D)</b>																					
Antimony	mg/kg		8,200	27	ND <2.0	ND <2.0	ND <2.1	ND <1.8	ND <1.9	ND <1.9	ND <1.9	ND <1.9	ND <2.0	ND <2.0	ND <1.9	ND <1.9	ND <1.9	ND <2.0			
Arsenic	mg/kg		10	10	<b>6.9</b>	<b>6.9</b>	<b>4.8</b>	ND <3.7	<b>5.5</b>	<b>6.9</b>	<b>4.5</b>	<b>6.9</b>	<b>7</b>	<b>5.8</b>	ND <3.9	<b>5.2</b>	<b>6.2</b>				
Barium	mg/kg		140,000	4,700	<b>120</b>	<b>150</b>	<b>88</b>	<b>45</b>	<b>120</b>	<b>94</b>	<b>150</b>	<b>190</b>	<b>200</b>	<b>64</b>	<b>120</b>	<b>120</b>	<b>64</b>	<b>120</b>	<b>120</b>		
Beryllium	mg/kg		2	2	<b>0.53</b>	<b>0.48</b>	<b>0.5</b>	<b>0.29</b>	<b>0.47</b>	<b>0.37</b>	<b>0.41</b>	<b>0.51</b>	<b>0.49</b>	<b>0.39</b>	<b>0.51</b>	<b>0.51</b>	<b>0.51</b>	<b>0.51</b>	<b>0.57</b>		
Cadmium	mg/kg		1,000	34	<b>2.3</b>	<b>3.5</b>	<b>1.4</b>	ND <0.37	<b>1.8</b>	<b>2.8</b>	<b>1.2</b>	<b>1.1</b>	<b>2</b>	<b>3</b>	<b>0.77</b>	<b>1.1</b>	<b>1.7</b>				
Chromium	mg/kg		100	100	<b>81</b>	<b>200</b>	<b>75</b>	<b>17</b>	<b>34</b>	<b>150</b>	<b>56</b>	<b>26</b>	<b>64</b>	<b>190</b>	<b>65</b>	<b>26</b>	<b>41</b>				
Copper	mg/kg		76,000	2,500	<b>170</b>	<b>190</b>	<b>130</b>	<b>51</b>	<b>180</b>	<b>340</b>	<b>80</b>	<b>92</b>	<b>140</b>	<b>270</b>	<b>48</b>	<b>68</b>	<b>86</b>				
Lead	mg/kg		1,000	400	<b>310</b>	<b>500</b>	<b>230</b>	<b>61</b>	<b>170</b>	<b>640</b>	<b>220</b>	<b>220</b>	<b>320</b>	<b>730</b>	<b>170</b>	<b>170</b>	<b>230</b>				
Nickel	mg/kg		7,500	1,400	<b>24</b>	<b>30</b>	<b>120</b>	<b>12</b>	<b>19</b>	<b>27</b>	<b>26</b>	<b>20</b>	<b>28</b>	<b>33</b>	<b>14</b>	<b>19</b>	<b>20</b>				
Selenium	mg/kg		10,000	340	ND <4.1	ND <3.9	ND <4.2	ND <3.7	ND <3.8	ND <3.7	ND <3.9	ND <3.8	ND <3.9	ND <4.0	ND <3.9	ND <3.7	ND <3.9	ND <3.7	ND <3.9		
Silver	mg/kg		10,000	340	<b>7.8</b>	<b>11</b>	<b>5.3</b>	<b>0.38</b>	<b>4</b>	<b>9.6</b>	<b>6.5</b>	<b>0.95</b>	<b>6.8</b>	<b>9.5</b>	<b>2.2</b>	<b>0.78</b>	<b>4.9</b>				
Thallium	mg/kg		160	54	ND <2.0	ND <2.0	ND <2.1	ND <1.8	ND <1.9	ND <1.9	ND <1.9	ND <1.9	ND <2.0	ND <2.0	ND <1.9	ND <1.9	ND <2.0				
Vanadium	mg/kg		14,000	470	<b>36</b>	<b>33</b>	<b>29</b>	<b>39</b>	<b>33</b>	<b>23</b>	<b>38</b>	<b>33</b>	<b>30</b>	<b>23</b>	<b>35</b>	<b>29</b>					
Zinc	mg/kg		610,000	20,000	<b>290</b>	<b>320</b>	<b>190</b>	<b>70</b>	<b>280</b>	<b>540</b>	<b>280</b>	<b>240</b>	<b>260</b>	<b>460</b>	<b>150</b>	<b>220</b>	<b>210</b>				
<b>Metals (SW-846 7471B)</b>																					
Mercury	mg/kg		610	20	<b>0.79</b>	<b>0.69</b>	<b>0.31</b>	<b>0.1</b>	<b>0.39</b>	<b>0.73</b>	<b>0.41</b>	<b>0.64</b>	<b>0.61</b>	<b>0.51</b>	<b>0.34</b>	<b>0.88</b>	<b>0.49</b>				
<b>Semi-VOAs (SW-846 8270D-E)</b>																					
2-Methylnaphthalene	ug/kg	5,600	1,000,000	270,000	<b>440</b>	<b>420</b>	<430	<750	<b>540</b>	<b>440</b>	<b>430</b>	<400	<b>610</b>	<b>610</b>	<410	<b>460</b>	<b>510</b>				
Acenaphthene	ug/kg	84,000	2,500,000	1,000,000	<410	<400	<430	<430	<b>930</b>	<b>800</b>	<390	<410	<400	<b>520</b>	<420	<410	<b>510</b>	<b>490</b>			
Acenaphthylene	ug/kg	84,000	2,500,000	1,000,000	<b>460</b>	<b>790</b>	<430	<430	<b>1,600</b>	<b>1,200</b>	<390	<b>430</b>	<b>1,000</b>	<b>710</b>	<b>660</b>	<b>740</b>	<b>1,400</b>	<b>620</b>			
Anthracene	ug/kg	400,000	2,500,000	1,000,000	<b>570</b>	<b>740</b>	<b>540</b>	<b>2,700</b>	<b>2,200</b>	<390	<b>520</b>	<b>880</b>	<b>870</b>	<b>860</b>	<b>930</b>	<b>1,900</b>	<b>870</b>				
Benz(a)anthracene	ug/kg	1,000	7,800	1,000	<b>1,300</b>	<b>2,200</b>	<b>1,200</b>	<b>5,600</b>	<b>4,500</b>	<b>990</b>	<b>1,400</b>	<b>2,900</b>	<b>2,000</b>	<b>2,100</b>	<b>2,300</b>	<b>3,900</b>	<b>2,000</b>				
Benz(a)pyrene	ug/kg	1,000	1,000	1,000	<b>1,300</b>	<b>2,200</b>	<b>1,300</b>	<b>5,400</b>	<b>4,100</b>	<b>1,000</b>	<b>1,300</b>	<b>3,300</b>	<b>2,300</b>	<b>2,200</b>	<b>2,500</b>	<b>4,200</b>	<b>2,400</b>				
Benz(b)fluoranthene	ug/kg	1,000	7,800	1,000	<b>1,600</b>	<b>2,400</b>	<b>1,500</b>	<b>6,000</b>	<b>4,900</b>	<b>1,300</b>	<b>1,500</b>	<b>3,700</b>	<b>2,700</b>	<b>2,500</b>	<b>2,900</b>	<b>4,900</b>	<b>2,800</b>				
Benz(g,h,i)perylene	ug/kg	1,000	78,000	8,400	<b>710</b>	<b>1,300</b>	<b>670</b>	<b>2,400</b>	<b>1,800</b>	<b>640</b>	<b>600</b>	<b>1,900</b>	<b>1,300</b>	<b>1,200</b>	<b>1,400</b>	<b>2,600</b>	<b>1,300</b>				
Benz(k)fluoranthene	ug/kg	1,000	78,000	8,400	<b>500</b>	<b>650</b>	<b>550</b>	<b>2,100</b>	<b>1,800</b>	<b>450</b>	<b>600</b>	<b>1,400</b>	<b>910</b>	<b>840</b>	<b>1,100</b>	<b>1,300</b>	<b>970</b>				
Chrysene	ug/kg	1,000	780,000	8,400	<b>2,200</b>	<b>2,500</b>	<b>1,300</b>	<b>5,400</b>	<b>4,600</b>	<b>1,200</b>	<b>1,500</b>	<b>3,400</b>	<b>2,300</b>	<b>2,300</b>	<b>2,500</b>	<b>4,400</b>	<b>2,400</b>				
Dibenz(a,h)anthracene	ug/kg	1,000	1,000	1,000	<410	<400	<430	<750	<b>550</b>	<390	<410	<b>520</b>	<420	<410	<b>670</b>	<420					
Fluoranthene	ug/kg	56,000	2,500,000	1,000,000	<b>3,300</b>	<b>4,800</b>	<b>3,200</b>	<b>13,000</b>	<b>12,000</b>	<b>2,500</b>	<b>3,200</b>	<b>6,700</b>	<b>5,100</b>	<b>5,100</b>	<b>5,700</b>	<b>11,000</b>	<				

**Table 4**  
**TP-4 Soil Sample Analytical Results Summary**  
**Fairfield Aggregate Recycling Facility**  
**Fairfield, CT**  
**July 2000**

Station Name	Units	GB PMC	I/C DEC	R DEC	TP4 (60-70)(10-15) - C	TP4 (60-70)(15-20) - C	TP4 (70-80)(0-5) - C	TP4 (70-80)(5-10) - C	TP4 (70-80)(10-15) - C	TP4 (80-90)(0-5) - C	TP4 (80-90)(5-10) - C	TP4 (80-90)(10-15) - C	TP4 (80-90)(15-20) - C	TP4 (90-100)(0-5) - C	TP4 (90-100)(5-10) - C	TP4 (90-100)(10-15) - C	TP4 (90-100)(15-20) - C	DUP-7-C	DUP-8-C
Sample Date					6/8/2020	6/8/2020	6/8/2020	6/8/2020	6/8/2020	6/8/2020	6/8/2020	6/8/2020	6/8/2020	6/8/2020	6/8/2020	6/8/2020	6/8/2020		
<b>Metals (SW-846 6010D)</b>																			
Antimony	mg/kg	8,200	27	ND <2.0	ND <2.0	ND <1.8	ND <2.0	ND <1.9	ND <2.0	ND <1.8	ND <2.0	ND <1.9	ND <2.0	ND <1.8	ND <2.0	ND <1.9	ND <2.0	<b>3.8</b>	
Arsenic	mg/kg	10	10	<b>7.5</b>	ND <4.0	<b>4.5</b>	7	<b>6.6</b>	<b>4.5</b>	ND <3.5	<b>7.3</b>	<b>8.1</b>	<b>4.4</b>	ND <3.6	<b>8.4</b>	<b>7.5</b>	<b>5.3</b>	ND <4.0	<b>6.7</b>
Barium	mg/kg	140,000	4,700	<b>160</b>	<b>110</b>	<b>76</b>	<b>130</b>	<b>140</b>	<b>120</b>	<b>43</b>	<b>300</b>	<b>120</b>	<b>86</b>	<b>33</b>	<b>90</b>	<b>98</b>	<b>72</b>	<b>36</b>	<b>190</b>
Beryllium	mg/kg	2	2	<b>0.49</b>	<b>0.37</b>	<b>0.36</b>	<b>0.55</b>	<b>0.41</b>	<b>0.41</b>	<b>0.29</b>	<b>0.43</b>	<b>0.51</b>	<b>0.44</b>	<b>0.28</b>	<b>0.6</b>	<b>0.59</b>	<b>0.46</b>	<b>0.44</b>	<b>0.61</b>
Cadmium	mg/kg	1,000	34	<b>3.1</b>	<b>1.8</b>	<b>0.76</b>	<b>1.1</b>	<b>2</b>	<b>2</b>	ND <0.35	<b>2.2</b>	<b>1.8</b>	<b>2.6</b>	ND <0.36	<b>2.4</b>	<b>1.4</b>	<b>3.4</b>	ND <0.40	<b>27</b>
Chromium	mg/kg	100	100	<b>100</b>	<b>120</b>	<b>16</b>	<b>32</b>	<b>100</b>	<b>94</b>	<b>14</b>	<b>22</b>	<b>74</b>	<b>60</b>	<b>13</b>	<b>25</b>	<b>20</b>	<b>18</b>	<b>30</b>	
Copper	mg/kg	76,000	2,500	<b>140</b>	<b>110</b>	<b>45</b>	<b>74</b>	<b>480</b>	<b>120</b>	<b>35</b>	<b>80</b>	<b>170</b>	<b>88</b>	<b>25</b>	<b>160</b>	<b>84</b>	<b>110</b>	<b>21</b>	<b>100</b>
Lead	mg/kg	1,000	400	<b>440</b>	<b>420</b>	<b>100</b>	<b>170</b>	<b>460</b>	<b>340</b>	<b>54</b>	<b>180</b>	<b>380</b>	<b>230</b>	<b>21</b>	<b>690</b>	<b>150</b>	<b>94</b>	<b>39</b>	<b>220</b>
Nickel	mg/kg	7,500	1,400	<b>43</b>	<b>22</b>	<b>13</b>	<b>19</b>	<b>28</b>	<b>12</b>	<b>24</b>	<b>25</b>	<b>20</b>	<b>13</b>	<b>18</b>	<b>17</b>	<b>19</b>	<b>9.8</b>	<b>23</b>	
Selenium	mg/kg	10,000	340	ND <4.0	ND <4.0	ND <3.6	ND <3.9	ND <3.8	ND <4.0	ND <3.5	ND <3.8	ND <4.1	ND <4.0	ND <3.6	ND <4.0	ND <4.0	ND <3.9	ND <4.0	ND <3.8
Silver	mg/kg	10,000	340	<b>12</b>	<b>7.4</b>	<b>1.6</b>	<b>7.7</b>	<b>18</b>	<b>17</b>	<b>0.59</b>	<b>6.2</b>	<b>12</b>	<b>7.6</b>	<b>2.2</b>	<b>1.1</b>	<b>1.5</b>	<b>0.78</b>	<b>0.51</b>	<b>1.1</b>
Thallium	mg/kg	160	5.4	ND <2.0	ND <2.0	ND <1.8	ND <2.0	ND <1.9	ND <2.0	ND <1.8	ND <1.9	ND <2.0	ND <1.8	ND <2.0	ND <1.9	ND <2.0	ND <1.9	ND <2.0	
Vanadium	mg/kg	14,000	470	<b>27</b>	<b>22</b>	<b>29</b>	<b>27</b>	<b>25</b>	<b>30</b>	<b>40</b>	<b>22</b>	<b>27</b>	<b>26</b>	<b>64</b>	<b>30</b>	<b>28</b>	<b>22</b>	<b>20</b>	<b>42</b>
Zinc	mg/kg	610,000	20,000	<b>570</b>	<b>210</b>	<b>160</b>	<b>310</b>	<b>580</b>	<b>330</b>	<b>69</b>	<b>340</b>	<b>240</b>	<b>180</b>	<b>47</b>	<b>260</b>	<b>190</b>	<b>180</b>	<b>140</b>	<b>260</b>
<b>Metals (SW-846 7471B)</b>																		<b>0.11</b>	<b>0.38</b>
<b>Semi-VOAs (SW-846 8270D-E)</b>																			
2-Methylnaphthalene	ug/kg	5,600	1,000,000	270,000	<b>500</b>	<b>590</b>	<940	<b>440</b>	<b>470</b>	<b>600</b>	<1,900	<b>630</b>	<400	<1,900	<400	<1,900	<400	<b>290</b>	
Acenaphthene	ug/kg	84,000	2,500,000	1,000,000	<420	<410	<b>980</b>	<420	<410	<410	<1,900	<410	<400	<1,900	<400	<400	<400	<b>210</b>	
Acenaphthylene	ug/kg	84,000	2,500,000	1,000,000	<b>490</b>	<410	<b>1,800</b>	<b>520</b>	<b>590</b>	<b>430</b>	<1,900	<410	<400	<1,900	<b>440</b>	<b>720</b>	<b>280</b>		
Anthracene	ug/kg	400,000	2,500,000	1,000,000	<b>450</b>	<410	<b>2,900</b>	<b>620</b>	<b>540</b>	<1,900	<410	<410	<400	<1,900	<b>410</b>	<b>1,000</b>	<b>400</b>		
Benzo(a)anthracene	ug/kg	1,000	7,800	1,000	<b>1,200</b>	<b>850</b>	<b>6,500</b>	<b>1,800</b>	<b>1,600</b>	<b>1,500</b>	<b>5,400</b>	<b>630</b>	<b>550</b>	<b>530</b>	<b>4,300</b>	<b>1,200</b>	<b>2,900</b>	<b>1,000</b>	
Benzo(a)pyrene	ug/kg	1,000	1,000	1,000	<b>1,500</b>	<b>1,000</b>	<b>6,400</b>	<b>2,100</b>	<b>1,900</b>	<b>1,700</b>	<b>6,000</b>	<b>720</b>	<b>720</b>	<b>670</b>	<b>5,000</b>	<b>1,400</b>	<b>2,800</b>	<b>1,200</b>	
Benzo(b)fluoranthene	ug/kg	1,000	7,800	1,000	<b>1,700</b>	<b>1,300</b>	<b>7,300</b>	<b>2,400</b>	<b>2,100</b>	<b>1,900</b>	<b>6,900</b>	<b>820</b>	<b>780</b>	<b>830</b>	<b>5,800</b>	<b>1,600</b>	<b>3,100</b>	<b>1,400</b>	
Benzo(g,h,i)perylene	ug/kg	1,000	78,000	8,400	<b>980</b>	<b>700</b>	<b>3,600</b>	<b>1,200</b>	<b>1,200</b>	<b>880</b>	<b>3,500</b>	<b>420</b>	<b>420</b>	<b>450</b>	<b>2,700</b>	<b>980</b>	<b>1,500</b>	<b>640</b>	
Benzo(k)fluoranthene	ug/kg	1,000	78,000	8,400	<b>540</b>	<410	<b>2,700</b>	<b>610</b>	<b>620</b>	<b>630</b>	<b>2,500</b>	<410	<410	400	<b>1,900</b>	<b>580</b>	<b>1,200</b>	<b>510</b>	
Chrysene	ug/kg	1,000	780,000	8,400	<b>1,800</b>	<b>980</b>	<b>6,500</b>	<b>2,100</b>	<b>1,800</b>	<b>5,400</b>	<b>730</b>	<b>710</b>	<b>600</b>	<b>4,600</b>	<b>1,500</b>	<b>2,900</b>	<b>1,200</b>		
Dibenz(a,h)anthracene	ug/kg	1,000	1,000	1,000	<420	<410	<b>1,000</b>	<420	<410	<410	<1,900	<410	<410	<400	<1,900	<b>490</b>	<400	<400	
Fluoranthene	ug/kg	56,000	2,500,000	1,000,000	<b>2,900</b>	<b>2,100</b>	<b>16,000</b>	<b>4,800</b>	<b>3,500</b>	<b>3,900</b>	<b>12,000</b>	<b>1,400</b>	<b>1,200</b>	<b>1,100</b>	<b>10,000</b>	<b>2,700</b>	<b>6,300</b>	<b>2,600&lt;/</b>	

**Table 5**  
**TP-5 Soil Sample Analytical Results Summary**  
**Fairfield Aggregate Recycling Facility**  
**Richard White Way, Fairfield, CT**  
**July 2020**

Station Name	Units	GB PMC	I/C DEC	R DEC	TP-5(0-10ft)(0-5ft)-C	TP-5(0-10ft)(5-10ft)-C	TP-5(0-10ft)(10-15ft)-C	TP-5(0-10ft)(15-20ft)-C	TP-5(0-20ft)(0-5ft)-C	TP-5(0-20ft)(5-10ft)-C	TP-5(10-20ft)(10-15ft)-C	TP-5(10-20ft)(15-20ft)-C	TP-5(20-30ft)(0-5ft)-C	TP-5(20-30ft)(5-10ft)-C	TP-5(20-30ft)(10-15ft)-C	TP-5(20-30ft)(15-20ft)-C
Sample Date					6/9/2020	6/9/2020	6/9/2020	6/9/2020	6/9/2020	6/9/2020	6/9/2020	6/9/2020	6/9/2020	6/9/2020	6/9/2020	6/9/2020
Parent Sample																
<b>Metals (SW-846 6010D)</b>																
Antimony	mg/kg	8,200	27	ND <1.9	ND <1.8	ND <2.0	ND <2.1	ND <1.8	ND <2.3	ND <2.0	ND <1.8	ND <1.9	ND <1.9	ND <2.0	ND <2.0	
Arsenic	mg/kg	10	10	ND <3.9	ND <3.7	ND <4.0	ND <4.1	ND <3.6	3.9	4.9	ND <4.0	ND <3.5	ND <3.7	ND <3.7	ND <3.9	
Barium	mg/kg	140,000	4,700	61	44	59	76	56	46	100	98	50	55	63	62	
Beryllium	mg/kg	2	2	0.33	0.27	0.35	0.39	0.27	0.31	0.39	0.33	0.23	0.29	0.34	0.32	
Cadmium	mg/kg	1,000	34	ND <0.39	ND <0.37	ND <0.40	0.52	ND <0.36	ND <0.35	0.93	0.53	ND <0.35	ND <0.37	ND <0.37	ND <0.39	
Chromium	mg/kg	100	100	16	13	18	22	19	15	40	18	15	15	18	17	
Copper	mg/kg	76,000	2,500	29	25	39	50	30	35	87	63	37	39	42	56	
Lead	mg/kg	1,000	400	28	17	67	130	35	46	200	230	28	49	55	69	
Nickel	mg/kg	7,500	1,400	12	11	14	15	13	12	18	15	14	13	14	15	
Selenium	mg/kg	10,000	340	ND <3.9	ND <3.7	ND <4.0	ND <4.1	ND <3.6	ND <3.5	ND <4.5	ND <4.0	ND <3.5	ND <3.7	ND <3.7	ND <3.9	
Silver	mg/kg	10,000	340	ND <0.39	ND <0.37	0.41	0.67	ND <0.36	ND <0.35	1.7	0.99	ND <0.35	ND <0.37	0.49	0.54	
Thallium	mg/kg	160	5.4	ND <1.9	ND <1.8	ND <2.0	ND <2.1	ND <1.8	ND <1.8	ND <2.3	ND <2.0	ND <1.8	ND <1.9	ND <2.0	ND <2.0	
Vanadium	mg/kg	14,000	470	40	39	31	31	47	36	32	43	49	39	39	41	
Zinc	mg/kg	610,000	20,000	61	48	160	150	57	77	250	180	58	93	110	200	
<b>Metals (SW-846 7471B)</b>																
Mercury	mg/kg	610	20	ND <0.029	ND <0.027	0.077	0.094	ND <0.028	0.047	0.15	0.087	0.031	0.051	0.061	0.086	
<b>Semi-VOAs (SW-846 8270D-E)</b>																
2-Methylnaphthalene	ug/kg	5,600	1,000,000	270,000	ND <780	ND <930	ND <400	ND <420	ND <940	ND <750	ND <460	ND <850	ND <1,400	ND <950	ND <760	ND <400
Acenaphthene	ug/kg	84,000	2,500,000	1,000,000	ND <780	ND <930	ND <400	ND <420	ND <940	ND <750	ND <460	ND <850	ND <1,400	ND <950	ND <760	ND <400
Acenaphthylene	ug/kg	84,000	2,500,000	1,000,000	ND <780	ND <930	700	650	ND <940	2,600	710	ND <850	ND <1,400	ND <950	ND <760	650
Anthracene	ug/kg	400,000	2,500,000	1,000,000	ND <780	ND <930	440	750	ND <940	1,900	530	ND <850	ND <1,400	ND <950	1,000	560
Benz(a)anthracene	ug/kg	1,000	7,800	1,000	ND <780	1,100	1,700	2,700	ND <940	5,300	1,500	970	1,800	1,400	2,600	1,700
Benz(a)pyrene	ug/kg	1,000	1,000	1,000	970	1,500	2,200	2,900	1,000	7,900	2,100	1,200	2,100	1,800	2,700	2,100
Benz(b)fluoranthene	ug/kg	1,000	7,800	1,000	1,300	1,700	2,600	3,500	1,200	7,600	2,400	1,400	2,500	2,000	3,100	2,400
Benz(g,h,i)perylene	ug/kg	1,000	78,000	8,400	ND <780	1,100	1,700	2,000	ND <940	4,500	1,500	ND <850	ND <1,400	960	1,400	1,300
Benz(k)fluoranthene	ug/kg	1,000	78,000	8,400	ND <780	940	1,100	2,700	ND <940	810	ND <850	ND <1,400	ND <950	1,200	810	
Chrysene	ug/kg	1,000	780,000	8,400	800	1,200	1,900	2,600	ND <940	5,400	1,500	1,000	1,800	1,400	2,500	1,700
Dibenz(a,h)anthracene	ug/kg	1,000	1,000	1,000	ND <780	420	500	ND <940	1,300	ND <460	ND <850	ND <1,400	ND <950	ND <760	ND <400	
Fluoranthene	ug/kg	56,000	2,500,000	1,000,000	1,600	2,300	4,300	6,000	1,400	9,700	3,000	2,100	4,100	2,400	6,800	3,300
Fluorene	ug/kg	56,000	2,500,000	1,000,000	ND <780	ND <930	ND <400	ND <420	ND <940	1,200	ND <460	ND <850	ND <1,400	ND <950	ND <760	ND <400
Indeno(1,2,3-cd)pyrene	ug/kg	1,000	7,800	1,000	830	1,300	2,100	2,500	ND <940	6,200	1,800	990	1,600	1,300	1,800	1,600
Naphthalene	ug/kg	56,000	2,500,000	1,000,000	ND <780	ND <930	ND <400	ND <420	ND <940	ND <750	520	ND <850	ND <1,400	ND <950	ND <760	ND <400
Phenanthrene	ug/kg	40,000	2,500,000	1,000,000	ND <780	1,100	2,500	2,200	ND <940	6,400	1,800	1,200	3,100	1,400	3,000	2,000
Pyrene	ug/kg	40,000	2,500,000	1,000,000	1,400	2,300	4,000	6,000	1,700	13,000	3,200	2,300	4,200	3,100	7,200	3,800
Total PAHs	ug/kg				6,900	13,600	25,500	33,400	5,300	75,700	21,370	11,160	21,200	15,760	33,400	22,020
<b>PCBs (SW-846 8082A)</b>																
Acrocl-1016	mg/kg	-	-	-	ND <0.088	ND <0.085	ND <0.092	ND <0.094	ND <0.088	ND <0.1	ND <0.097	ND <0.084	ND <0.091	ND <0.085	ND <0.088	
Acrocl-1221	mg/kg	-	-	-	ND <0.088	ND <0.085	ND <0.092	ND <0.094	ND <0.088	ND <0.1	ND <0.097	ND <0.084	ND <0.091	ND <0.085	ND <0.08	

**Table 5**  
**TP-5 Soil Sample Analytical Results Summary**  
**Fairfield Aggregate Recycling Facility**  
**Richard White Way, Fairfield, CT**  
**July 2020**

Station Name	Units	GB PMC	I/C DEC	R DEC	TP-5(30-40ft)(0-5ft)-C	TP-5(30-40ft)(5-10ft)-C	TP-5(30-40ft)(10-15ft)-C	TP-5(30-40ft)(15-20ft)-C	TP-5(40-50ft)(0-5ft)-C	TP-5(40-50ft)(5-10ft)-C	TP-5(40-50ft)(10-15ft)-C	TP-5(40-50ft)(15-20ft)-C	TP-5(50-60ft)(0-5ft)-C	TP-5(50-60ft)(5-10ft)-C	TP-5(50-60ft)(10-15ft)-C	TP-5(50-60ft)(15-20ft)-C	DUP-10-C	DUP-9-C
Sample Date					6/9/2020	6/9/2020	6/9/2020	6/9/2020	6/9/2020	6/9/2020	6/9/2020	6/9/2020	6/9/2020	6/9/2020	6/9/2020	6/9/2020	6/9/2020	
Parent Sample																TP-5 (50-60)(10-15)	TP-5 (10-20)(5-10)	
<b>Metals (SW-846 6010D)</b>																		
Antimony	mg/kg	8,200	27	ND <1.9	ND <1.8	ND <1.9	ND <2.0	ND <1.9	ND <1.8	ND <2.0	ND <2.1	ND <1.9	ND <1.7	ND <1.8	ND <1.8	ND <1.8		
Arsenic	mg/kg	10	10	ND <3.8	ND <3.6	4	5.1	ND <3.7	ND <3.5	4.8	7.7	4	ND <3.5	ND <3.5	ND <3.6	ND <3.7	ND <3.6	
Barium	mg/kg	140,000	4,700	58	27	82	110	47	30	89	120	57	45	26	35	28	60	
Beryllium	mg/kg	2	2	0.29	ND <0.18	0.35	0.42	0.28	ND <0.18	0.43	0.61	0.48	0.24	0.19	0.2	ND <0.18	0.31	
Cadmium	mg/kg	1,000	34	ND <0.38	ND <0.36	0.6	1.4	ND <0.37	ND <0.35	1	1.7	ND <0.38	ND <0.35	ND <0.36	ND <0.37	ND <0.36	ND <0.36	
Chromium	mg/kg	100	100	17	11	22	26	14	8.7	27	34	20	13	9.3	9.9	10	16	
Copper	mg/kg	76,000	2,500	26	27	87	110	25	33	81	120	43	22	25	21	27	27	
Lead	mg/kg	1,000	400	24	13	250	170	19	12	210	230	36	14	9.1	14	9.9	22	
Nickel	mg/kg	7,500	1,400	13	12	19	21	11	12	18	23	12	15	12	11	13	13	
Selenium	mg/kg	10,000	340	ND <3.8	ND <3.6	ND <3.8	ND <4.1	ND <3.7	ND <3.5	ND <4.1	ND <4.1	ND <3.8	ND <3.5	ND <3.6	ND <3.7	ND <3.6	ND <3.6	
Silver	mg/kg	10,000	340	ND <0.38	ND <0.36	1.3	2.3	ND <0.37	2.5	4.3	2.5	ND <0.38	ND <0.35	ND <0.35	ND <0.36	ND <0.37	ND <0.36	
Thallium	mg/kg	160	5.4	ND <1.9	ND <1.8	ND <1.9	ND <2.0	ND <1.9	ND <1.8	ND <2.0	ND <2.1	ND <1.7	ND <1.7	ND <1.8	ND <1.8	ND <1.8	ND <1.8	
Vanadium	mg/kg	14,000	470	39	54	35	34	48	65	28	43	35	61	49	55	56	43	
Zinc	mg/kg	610,000	20,000	52	43	220	330	52	37	230	350	99	33	31	31	41	51	
<b>Metals (SW-846 7471B)</b>																		
Mercury	mg/kg	610	20	ND <0.028	ND <0.027	0.092	0.14	ND <0.029	ND <0.028	0.21	0.21	0.045	ND <0.027	ND <0.027	ND <0.027	ND <0.026	0.031	
<b>Semi-VOAs (SW-846 8270D-E)</b>																		
2-Methylnaphthalene	ug/kg	5,600	1,000,000	270,000	ND <760	ND <1,400	ND <400	ND <420	ND <780	ND <900	ND <420	ND <430	ND <900	ND <1,800	ND <1,800	ND <1,800	ND <740	
Acenaphthene	ug/kg	84,000	2,500,000	1,000,000	ND <760	ND <1,400	ND <400	ND <420	ND <780	ND <900	ND <420	ND <430	ND <900	ND <1,800	ND <1,800	ND <1,800	ND <740	
Acenaphthylene	ug/kg	84,000	2,500,000	1,000,000	ND <760	ND <1,400	ND <400	ND <420	ND <780	ND <900	ND <420	ND <430	ND <900	ND <1,800	ND <1,800	ND <1,800	ND <740	
Anthracene	ug/kg	400,000	2,500,000	1,000,000	ND <760	ND <1,400	ND <400	ND <420	ND <780	ND <900	ND <420	ND <430	ND <900	ND <1,800	ND <1,800	ND <1,800	ND <740	
Benz(a)anthracene	ug/kg	1,000	7,800	1,000	ND <760	ND <1,400	780	1,100	1,700	ND <900	1,700	1,200	1,400	1,100	ND <1,800	ND <1,800	1,000	
Benz(a)pyrene	ug/kg	1,000	1,000	1,000	ND <760	ND <1,400	1,000	1,200	2,000	ND <900	1,900	1,300	1,400	1,100	ND <1,800	ND <1,800	1,400	
Benz(b)fluoranthene	ug/kg	1,000	7,800	1,000	780	ND <1,400	1,300	1,600	2,400	ND <900	2,400	1,600	1,800	1,400	ND <1,800	ND <1,800	1,500	
Benz(g,h,i)perylene	ug/kg	1,000	78,000	8,400	ND <760	ND <1,400	550	680	1,400	ND <900	910	1,000	980	ND <900	ND <1,800	ND <1,800	ND <740	
Benz(k)fluoranthene	ug/kg	1,000	78,000	8,400	ND <760	ND <1,400	520	670	830	ND <900	920	670	660	ND <900	ND <1,800	ND <1,800	ND <740	
Chrysene	ug/kg	1,000	78,000	8,400	ND <760	ND <1,400	850	1,100	1,800	ND <900	1,700	1,300	1,600	1,100	ND <1,800	ND <1,800	1,000	
Dibenz(a,h)anthracene	ug/kg	1,000	1,000	1,000	ND <760	ND <1,400	ND <400	ND <420	ND <780	ND <900	ND <420	ND <430	ND <900	ND <1,800	ND <1,800	ND <1,800	ND <740	
Fluoranthene	ug/kg	56,000	2,500,000	1,000,000	780	ND <1,400	1,400	1,900	3,800	ND <900	3,200	2,500	3,200	2,400	2,100	ND <1,800	1,900	1,800
Fluorene	ug/kg	56,000	2,500,000	1,000,000	ND <760	ND <1,400	ND <400	ND <420	ND <780	ND <900	ND <420	ND <430	ND <900	ND <1,800	ND <1,800	ND <1,800	ND <740	
Indeno(1,2,3-cd)pyrene	ug/kg	1,000	7,800	1,000	ND <760	ND <1,400	730	900	1,800	ND <900	1,200	1,100	1,100	ND <900	ND <1,800	ND <1,800	990	
Naphthalene	ug/kg	56,000	2,500,000	1,000,000	ND <760	ND <1,400	ND <400	ND <420	ND <780	ND <900	ND <420	ND <430	ND <900	ND <1,800	ND <1,800	ND <1,800	ND <740	
Phenanthrene																		

**Table 6**  
**TP-6 Soil Sample Analytical Results Summary**  
**Fairfield Aggregate Recycling Facility**  
**Richard White Way, Fairfield, CT**  
**July 2020**

Station Name	Units	GB PMC	I/C DEC	R DEC	TP-6(1-10ft)(0-5ft)-C	TP-6(1-10ft)(5-10ft)-C	TP-6(1-10ft)(10-15)-C	TP-6(1-10ft)(15-20ft)-C	TP-6(10-20ft)(0-5ft)-C	TP-6(10-20ft)(5-10ft)-C	TP-6(10-20ft)(10-15ft)-C	TP-6(10-20ft)(15-20ft)-C	TP-6(10-20ft)(5-10ft)-C	TP-6(10-20ft)(10-15ft)-C	TP-6(10-20ft)(15-20ft)-C	TP-6(20-30ft)(0-5ft)-C	TP-6(20-30ft)(5-10ft)-C	TP-6(20-30ft)(10-15ft)-C	
Sample Date					6/9/2020	6/9/2020	6/9/2020	6/9/2020	6/9/2020	6/9/2020	6/9/2020	6/9/2020	6/9/2020	6/9/2020	6/9/2020	6/9/2020	6/9/2020	6/9/2020	
<b>Parent Sample</b>																			
<b>Metals (SW-846 6010D)</b>																			
Antimony	mg/kg		8,200	27	ND <1.8	ND <1.8	ND <1.9	ND <1.9	ND <1.8	ND <1.9	ND <2.0	ND <1.8	ND <1.9	ND <1.9	ND <2.0	ND <1.8	ND <1.8	ND <1.9	
Arsenic	mg/kg		10	10	<b>4.4</b>	<b>4.3</b>	<b>4.3</b>	ND <3.9	<b>10</b>	<b>4.6</b>	<b>5.9</b>	ND <3.9	<b>10</b>	<b>4.6</b>	<b>5.9</b>	ND <3.9	<b>5.4</b>	<b>5.6</b>	<b>8.3</b>
Barium	mg/kg		140,000	4,700	<b>66</b>	<b>55</b>	<b>60</b>	88	<b>72</b>	<b>100</b>	<b>64</b>	<b>88</b>	<b>72</b>	<b>100</b>	<b>64</b>	<b>75</b>	<b>95</b>	<b>88</b>	
Beryllium	mg/kg		2	2	<b>0.4</b>	<b>0.39</b>	<b>0.44</b>	<b>0.42</b>	<b>0.44</b>	<b>0.39</b>	<b>0.44</b>	<b>0.58</b>	<b>0.44</b>	<b>0.39</b>	<b>0.44</b>	<b>0.58</b>	<b>0.42</b>	<b>0.45</b>	<b>0.48</b>
Cadmium	mg/kg		1,000	34	ND <0.36	ND <0.37	<b>0.37</b>	ND <0.39	<b>0.57</b>	<b>0.66</b>	<b>1.2</b>	<b>0.52</b>	<b>0.57</b>	<b>0.66</b>	<b>1.2</b>	<b>0.52</b>	<b>0.62</b>	<b>1.5</b>	<b>0.8</b>
Chromium	mg/kg		100	100	<b>18</b>	<b>16</b>	<b>20</b>	<b>24</b>	<b>19</b>	<b>25</b>	<b>16</b>	<b>24</b>	<b>19</b>	<b>25</b>	<b>16</b>	<b>19</b>	<b>23</b>	<b>24</b>	
Copper	mg/kg		76,000	2,500	<b>29</b>	<b>35</b>	<b>38</b>	<b>34</b>	<b>36</b>	<b>58</b>	<b>100</b>	<b>32</b>	<b>36</b>	<b>58</b>	<b>100</b>	<b>32</b>	<b>57</b>	<b>120</b>	<b>70</b>
Lead	mg/kg		1,000	400	<b>28</b>	<b>26</b>	<b>31</b>	<b>45</b>	<b>73</b>	<b>140</b>	<b>30</b>	<b>45</b>	<b>73</b>	<b>140</b>	<b>30</b>	<b>70</b>	<b>120</b>	<b>84</b>	
Nickel	mg/kg		7,500	1,400	<b>12</b>	<b>12</b>	<b>14</b>	<b>20</b>	<b>16</b>	<b>19</b>	<b>27</b>	<b>13</b>	<b>16</b>	<b>19</b>	<b>27</b>	<b>13</b>	<b>19</b>	<b>26</b>	<b>28</b>
Selenium	mg/kg		10,000	340	ND <3.6	ND <3.7	ND <3.9	ND <3.5	ND <3.5	ND <3.8	ND <3.9	ND <3.5	ND <3.8	ND <3.9	ND <3.6	ND <3.6	ND <3.7		
Silver	mg/kg		10,000	340	ND <0.36	ND <0.37	ND <0.39	ND <0.35	ND <0.38	ND <0.39	ND <0.39	ND <0.35	ND <0.38	ND <0.39	ND <0.36	ND <0.37	ND <0.37		
Thallium	mg/kg		160	5.4	ND <1.8	ND <1.9	ND <1.9	ND <1.8	ND <1.9	ND <1.9	ND <2.0	ND <1.8	ND <1.9	ND <2.0	ND <1.8	ND <1.9			
Vanadium	mg/kg		14,000	470	<b>37</b>	<b>41</b>	<b>39</b>	<b>41</b>	<b>40</b>	<b>40</b>	<b>43</b>	<b>32</b>	<b>40</b>	<b>40</b>	<b>43</b>	<b>32</b>	<b>40</b>	<b>42</b>	<b>44</b>
Zinc	mg/kg		610,000	20,000	<b>98</b>	<b>110</b>	<b>110</b>	<b>82</b>	<b>190</b>	<b>270</b>	<b>480</b>	<b>110</b>	<b>190</b>	<b>270</b>	<b>480</b>	<b>110</b>	<b>260</b>	<b>440</b>	<b>340</b>
<b>Metals (SW-846 7471B)</b>																			
Mercury	mg/kg		610	20	<b>0.05</b>	<b>0.04</b>	<b>0.045</b>	<b>0.053</b>	<b>0.073</b>	<b>0.1</b>	<b>0.11</b>	<b>0.17</b>	<b>0.073</b>	<b>0.1</b>	<b>0.11</b>	<b>0.17</b>	<b>0.12</b>	<b>0.16</b>	<b>0.12</b>
<b>SP/LP Metals (SW-846 6020B)</b>																			
Antimony	ug/l	0.06	60		NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	
Arsenic	ug/l	0.5	500		NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	
Barium	ug/l	10	10,000		NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	
Beryllium	ug/l	0.04	40		NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	
Cadmium	ug/l	0.05	50		NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	
Chromium	ug/l	0.5	500		NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	
Copper	ug/l	13	1,300		NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	
Lead	ug/l	0.15	150		NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	
Nickel	ug/l	1	1,000		NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	
Selenium	ug/l	0.5	500		NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	
Silver	ug/l	0.36	360		NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	
Thallium	ug/l	0.05	50		NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	
Vanadium	ug/l	0.5	500		NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	
Zinc	ug/l	50	50,000		NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	
<b>SP/LP Metals (SW-846 7470A)</b>																			
Mercury	mg/l	20			NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	
<b>Semi-VOCAs (SW-846 8270D-E)</b>																			
2-Methylnaphthalene	ug/kg	5,600	1,000,000	270,000	ND <730	ND <380	ND <800	ND <1,600	ND <740	ND <760	ND <780	ND <740	ND <760	ND <790	ND <780	ND <370	ND <570	ND <390	
Acenaphthene	ug/kg	84,000	2,500,000	1,000,000	ND <730	ND <380	ND <800	ND <1,600	ND <740	ND <760	ND <780	ND <740	ND <760	ND <790					

**Table 6**  
**TP-6 Soil Sample Analytical Results Summary**  
**Fairfield Aggregate Recycling Facility**  
**Richard White Way, Fairfield, CT**  
**July 2020**

Station Name	Units	GB PMC	I/C DEC	R DEC	TP-6(20-30ft)(15-20ft)-C	TP-6(30-40ft)(0-5ft)-C	TP-6(30-40ft)(5-10ft)-C	TP-6(30-40ft)(10-15ft)-C	TP-6(30-40ft)(15-20ft)-C	TP-6(40-50ft)(0-5ft)-C	TP-6(40-50ft)(5-10ft)-C	TP-6(40-50ft)(10-15ft)-C	TP-6(40-50ft)(15-20ft)-C	TP-6(50-60ft)(0-5ft)-C	TP-6(50-60ft)(5-10ft)-C	TP-6(50-60ft)(10-15ft)-C	TP-6(50-60ft)(15-20ft)-C	TP-6(60-70ft)(0-5ft)-C	TP-6(60-70ft)(5-10ft)-C
Sample Date					6/9/2020	6/9/2020	6/9/2020	6/9/2020	6/9/2020	6/10/2020	6/9/2020	6/10/2020	6/9/2020	6/10/2020	6/10/2020	6/10/2020	6/10/2020	6/10/2020	
Parent Sample																			
<b>Metals (SW-846 6010D)</b>																			
Antimony	mg/kg	8,200	27	ND <1.9	ND <1.8	ND <1.9	ND <2.0	ND <1.8	ND <1.8	ND <1.9	ND <1.8	ND <1.8	ND <1.8	ND <1.8	ND <1.8	ND <1.8	ND <1.9		
Arsenic	mg/kg	10	10	<b>4.5</b>	<b>5.1</b>	<b>6.1</b>	<b>5</b>	ND <4.0	<b>3.8</b>	<b>4.7</b>	ND <3.6	ND <3.8	<b>3.9</b>	ND <3.7	<b>4.6</b>	ND <3.6	ND <3.7	ND <3.7	
Barium	mg/kg	140,000	4,700	<b>89</b>	<b>100</b>	<b>86</b>	<b>110</b>	<b>90</b>	<b>78</b>	<b>91</b>	<b>85</b>	<b>89</b>	<b>98</b>	<b>81</b>	<b>87</b>	<b>77</b>	<b>87</b>	<b>80</b>	
Beryllium	mg/kg	2	2	<b>0.44</b>	<b>0.44</b>	<b>0.48</b>	<b>0.45</b>	<b>0.49</b>	<b>0.43</b>	<b>0.43</b>	<b>0.47</b>	<b>0.53</b>	<b>0.47</b>	<b>0.43</b>	<b>0.46</b>	<b>0.44</b>	<b>0.46</b>		
Cadmium	mg/kg	1,000	34	<b>0.77</b>	<b>1.1</b>	<b>0.65</b>	<b>0.93</b>	ND <0.40	<b>0.38</b>	<b>0.45</b>	ND <0.36	ND <0.38	<b>0.37</b>	ND <0.37	ND <0.36	ND <0.36	ND <0.37		
Chromium	mg/kg	100	100	<b>21</b>	<b>22</b>	<b>22</b>	<b>20</b>	<b>20</b>	<b>21</b>	<b>24</b>	<b>20</b>	<b>21</b>	<b>22</b>	<b>24</b>	<b>20</b>	<b>22</b>			
Copper	mg/kg	76,000	2,500	<b>67</b>	<b>110</b>	<b>67</b>	<b>87</b>	<b>37</b>	<b>57</b>	<b>62</b>	<b>42</b>	<b>42</b>	<b>130</b>	<b>41</b>	<b>46</b>	<b>37</b>	<b>49</b>		
Lead	mg/kg	1,000	400	<b>100</b>	<b>150</b>	<b>380</b>	<b>170</b>	<b>41</b>	<b>70</b>	<b>63</b>	<b>51</b>	<b>48</b>	<b>67</b>	<b>52</b>	<b>57</b>	<b>58</b>			
Nickel	mg/kg	7,500	1,400	<b>21</b>	<b>64</b>	<b>21</b>	<b>30</b>	<b>17</b>	<b>19</b>	<b>19</b>	<b>17</b>	<b>20</b>	<b>17</b>	<b>19</b>	<b>18</b>	<b>18</b>			
Selenium	mg/kg	10,000	340	ND <3.8	ND <3.7	ND <3.8	ND <4.0	ND <3.7	ND <3.7	ND <3.6	ND <3.8	ND <3.6	ND <3.7	ND <3.6	ND <3.7	ND <3.7			
Silver	mg/kg	10,000	340	ND <0.38	ND <0.37	ND <0.38	ND <0.40	ND <0.37	ND <0.37	ND <0.36	ND <0.38	ND <0.36	ND <0.37	ND <0.36	<b>8.5</b>	ND <0.37			
Thallium	mg/kg	160	5.4	ND <1.9	ND <1.8	ND <1.9	ND <2.0	ND <1.8	ND <1.8	ND <1.9	ND <1.8	ND <1.8	ND <1.8	ND <1.8	ND <1.9				
Vanadium	mg/kg	14,000	470	<b>41</b>	<b>39</b>	<b>42</b>	<b>40</b>	<b>39</b>	<b>40</b>	<b>35</b>	<b>39</b>	<b>38</b>	<b>40</b>	<b>40</b>	<b>37</b>	<b>36</b>			
Zinc	mg/kg	610,000	20,000	<b>260</b>	<b>510</b>	<b>250</b>	<b>440</b>	<b>130</b>	<b>180</b>	<b>220</b>	<b>150</b>	<b>150</b>	<b>310</b>	<b>140</b>	<b>240</b>	<b>180</b>	<b>210</b>		
<b>Metals (SW-846 7471B)</b>																			
Mercury	mg/kg	610	20	0.1	0.16	0.15	0.11	0.07	0.087	0.077	0.065	0.052	0.086	0.056	0.07	0.062	0.085	0.049	
<b>SPLP Metals (SW-846 6020B)</b>																			
Antimony	ug/l	0.06	60	NM	NM	NM	ND <5	ND <5	NM	NM	NM	NM	NM	NM	NM	NM	NM		
Arsenic	ug/l	0.5	500	NM	NM	NM	<b>4.8</b>	ND <4	NM	NM	NM	NM	NM	NM	NM	NM	NM		
Barium	ug/l	10	10,000	NM	NM	NM	<b>110</b>	<b>77</b>	NM	NM	NM	NM	NM	NM	NM	NM	NM		
Beryllium	ug/l	0.04	40	NM	NM	NM	ND <2	ND <2.0	NM	NM	NM	NM	NM	NM	NM	NM	NM		
Cadmium	ug/l	0.05	50	NM	NM	NM	ND <1	ND <1	NM	NM	NM	NM	NM	NM	NM	NM	NM		
Chromium	ug/l	0.5	500	NM	NM	NM	<b>19</b>	<b>12</b>	NM	NM	NM	NM	NM	NM	NM	NM	NM		
Copper	ug/l	13	1,300	NM	NM	NM	<b>85</b>	<b>20</b>	NM	NM	NM	NM	NM	NM	NM	NM	NM		
Lead	ug/l	0.15	150	NM	NM	NM	<b>110</b>	<b>27</b>	NM	NM	NM	NM	NM	NM	NM	NM	NM		
Nickel	ug/l	0	1,000	NM	NM	NM	ND <25	ND <25	NM	NM	NM	NM	NM	NM	NM	NM	NM		
Selenium	ug/l	0.5	500	NM	NM	NM	ND <25	ND <25	NM	NM	NM	NM	NM	NM	NM	NM	NM		
Silver	ug/l	0.36	360	NM	NM	NM	ND <1	ND <1	NM	NM	NM	NM	NM	NM	NM	NM	NM		
Thallium	ug/l	0.05	50	NM	NM	NM	ND <1	ND <1	NM	NM	NM	NM	NM	NM	NM	NM	NM		
Vanadium	ug/l	0.5	500	NM	NM	NM	ND <25	ND <25	NM	NM	NM	NM	NM	NM	NM	NM	NM		
Zinc	ug/l	50	50,000	NM	NM	NM	<b>240</b>	<b>85</b>	NM	NM	NM	NM	NM	NM	NM	NM	NM		
<b>SPLP Metals (SW-846 7470A)</b>																			
Mercury	mg/l	20		NM	NM	NM	<b>0.00015</b>	ND <0.00010	NM	NM	NM	NM	NM	NM	NM	NM	NM		
<b>Semi-VOCAs (SW-846 8270D-E)</b>																			
2-Methylnaphthalene	ug/kg	5,600	1,000,000	270,000	ND <390	ND <370	ND <750	ND <390	ND <410	ND <750	ND <380	ND <800	ND <1,100	ND <580	ND <780	ND <380	ND <380	ND <940	
Acenaphthene	ug/kg	84,000	2,500,000	1,000,000	ND <														



**Table 7**  
**TP-7 Soil Sample Analytical Data Summary**  
**Fairfield Aggregate Recycling Facility**  
**Richard White Way, Fairfield, CT**  
**July 2020**

Station Name	Units	GB PMC	I/C DEC	R DEC	TP-7 (0-10ft)(0-5ft)-C	TP-7 (0-10ft)(5-10ft)-C	TP-7 (0-10ft)(10-15ft)-C	TP-7 (0-10ft)(15-20ft)-C	TP-7 (10-20ft)(0-5ft)-C	TP-7 (10-20ft)(5-10ft)-C	TP-7 (10-20ft)(10-15ft)-C	TP-7 (10-20ft)(15-20ft)-C	TP-7 (20-30ft)(0-5ft)-C	TP-7 (20-30ft)(5-10ft)-C	TP-7 (20-30ft)(10-15ft)-C	TP-7 (20-30ft)(15-20ft)-C	TP-7 (30-40ft)(0-5ft)-C	TP-7 (30-40ft)(5-10ft)-C	TP-7 (30-40ft)(10-15ft)-C
Sample Date					6/10/2020	6/10/2020	6/10/2020	6/10/2020	6/10/2020	6/10/2020	6/10/2020	6/10/2020	6/10/2020	6/10/2020	6/10/2020	6/10/2020	6/11/2020	6/11/2020	
Parent Sample																			
<b>Metals (SW-846 8010D)</b>																			
Antimony	mg/kg	8,200	27	ND <1.8	ND <1.8	ND <1.9	ND <1.9	ND <1.8	ND <1.8	ND <1.9	ND <1.9	ND <1.8	ND <1.8	ND <1.8	ND <1.8	ND <1.8	ND <1.9	ND <1.8	
Arsenic	mg/kg	10	10	ND <3.6	<b>4</b>	<b>5.7</b>	<b>4.5</b>	<b>5.1</b>	<b>4.2</b>	<b>7.8</b>	<b>4.5</b>	<b>4.3</b>	<b>6</b>	<b>5.6</b>	<b>6.2</b>	<b>8.2</b>	<b>9.7</b>	<b>5.7</b>	
Barium	mg/kg	140,000	4,700	64	<b>80</b>	<b>64</b>	<b>61</b>	<b>68</b>	<b>63</b>	<b>68</b>	<b>62</b>	<b>54</b>	<b>68</b>	<b>80</b>	<b>93</b>	<b>100</b>	<b>74</b>	<b>71</b>	
Beryllium	mg/kg	2	2	<b>0.37</b>	<b>0.37</b>	<b>0.42</b>	<b>0.38</b>	<b>0.44</b>	<b>0.43</b>	<b>0.43</b>	<b>0.56</b>	<b>0.42</b>	<b>0.45</b>	<b>0.49</b>	<b>0.4</b>	<b>0.42</b>	<b>0.46</b>	<b>0.42</b>	
Cadmium	mg/kg	1,000	34	ND <0.36	<b>0.66</b>	ND <0.37	ND <0.38	ND <0.35	ND <0.36	ND <0.37	ND <0.37	ND <0.37	ND <0.36	ND <0.38	ND <0.37	ND <0.36	ND <0.36	ND <0.38	
Chromium	mg/kg	100	100	<b>18</b>	<b>20</b>	<b>15</b>	<b>24</b>	<b>19</b>	<b>20</b>	<b>18</b>	<b>15</b>	<b>21</b>	<b>23</b>	<b>19</b>	<b>20</b>	<b>20</b>	<b>20</b>		
Copper	mg/kg	76,000	2,500	<b>30</b>	<b>54</b>	<b>27</b>	<b>32</b>	<b>31</b>	<b>33</b>	<b>32</b>	<b>24</b>	<b>35</b>	<b>45</b>	<b>35</b>	<b>40</b>	<b>53</b>	<b>30</b>		
Lead	mg/kg	1,000	400	<b>31</b>	<b>69</b>	<b>27</b>	<b>24</b>	<b>29</b>	<b>25</b>	<b>27</b>	<b>33</b>	<b>31</b>	<b>38</b>	<b>35</b>	<b>56</b>	<b>34</b>	<b>28</b>		
Nickel	mg/kg	7,500	1,400	<b>14</b>	<b>22</b>	<b>16</b>	<b>13</b>	<b>14</b>	<b>15</b>	<b>16</b>	<b>14</b>	<b>12</b>	<b>15</b>	<b>15</b>	<b>18</b>	<b>16</b>			
Selenium	mg/kg	10,000	340	ND <3.6	ND <3.7	ND <3.8	ND <3.5	ND <3.6	ND <3.7	ND <3.7	ND <3.6	ND <3.8	ND <3.7	ND <3.6	ND <3.6	ND <3.8	ND <3.7		
Silver	mg/kg	10,000	340	ND <0.36	ND <0.36	ND <0.38	ND <0.35	ND <0.36	ND <0.37	ND <0.37	ND <0.36	ND <0.38	ND <0.37	ND <0.36	ND <0.38	ND <0.37	ND <0.37		
Thallium	mg/kg	160	5.4	ND <1.8	ND <1.9	ND <1.9	ND <1.8	ND <1.8	ND <1.9	ND <1.9	ND <1.8	ND <1.8	ND <1.9	ND <1.8	ND <1.9	ND <1.8			
Vanadium	mg/kg	14,000	470	<b>36</b>	<b>39</b>	<b>40</b>	<b>35</b>	<b>42</b>	<b>40</b>	<b>48</b>	<b>38</b>	<b>33</b>	<b>36</b>	<b>41</b>	<b>40</b>	<b>38</b>	<b>41</b>		
Zinc	mg/kg	610,000	20,000	<b>96</b>	<b>210</b>	<b>71</b>	<b>74</b>	<b>70</b>	<b>67</b>	<b>63</b>	<b>63</b>	<b>65</b>	<b>71</b>	<b>120</b>	<b>410</b>	<b>90</b>	<b>90</b>		
<b>Metals (SW-846 7470A)</b>																			
Mercury	mg/kg	610	20	<b>0.061</b>	<b>0.071</b>	<b>0.04</b>	<b>0.034</b>	<b>0.047</b>	<b>0.045</b>	<b>0.044</b>	<b>0.037</b>	<b>0.047</b>	<b>0.057</b>	<b>0.04</b>	<b>0.043</b>	<b>0.046</b>	<b>0.044</b>	<b>0.049</b>	
<b>SPLP Metals (SW-846 6020B)</b>																			
Antimony	ug/l	60			ND <5	ND <5	ND <5	ND <5	ND <5	ND <5	ND <5	ND <5	ND <5	ND <5	ND <5	ND <5	ND <5	ND <5	
Arsenic	ug/l	500			ND <4	ND <4	<b>63</b>	<b>62</b>	<b>5.4</b>	<b>7.4</b>	<b>8.4</b>	<b>6</b>	<b>7.5</b>	<b>6.9</b>	<b>7.4</b>	<b>7.4</b>	<b>7.4</b>	<b>7.4</b>	
Barium	ug/l	10,000			ND <50	<b>64</b>	<b>70</b>	<b>68</b>	<b>61</b>	<b>50</b>	<b>67</b>	<b>64</b>	<b>58</b>	<b>58</b>	<b>58</b>	<b>58</b>	<b>58</b>	<b>58</b>	
Beryllium	ug/l	40			ND <2	ND <2	ND <2	ND <2	ND <2	ND <2	ND <2	ND <2	ND <2	ND <2	ND <2	ND <2	ND <2		
Cadmium	ug/l	50			ND <1	ND <1	ND <1	ND <1	ND <1	ND <1	ND <1	ND <1	ND <1	ND <1	ND <1	ND <1	ND <1		
Chromium	ug/l	500			<b>8.2</b>	<b>10</b>	<b>11</b>	<b>7.9</b>	<b>11</b>	<b>14</b>	<b>11</b>	<b>13</b>	<b>13</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>		
Copper	ug/l	1,300			<b>21</b>	<b>22</b>	<b>19</b>	<b>20</b>	<b>28</b>	<b>28</b>	<b>37</b>	<b>19</b>	<b>22</b>	<b>23</b>	<b>21</b>	<b>23</b>	<b>21</b>		
Lead	ug/l	150			<b>26</b>	<b>58</b>	<b>28</b>	<b>7.3</b>	<b>28</b>	<b>45</b>	<b>25</b>	<b>29</b>	<b>35</b>	<b>30</b>	<b>27</b>	<b>28</b>	<b>28</b>		
Nickel	ug/l	1,000			ND <25	ND <25	ND <25	ND <25	ND <25	ND <25	ND <25	ND <25	ND <25	ND <25	ND <25	ND <25	ND <25		
Selenium	ug/l	500			ND <25	ND <25	ND <25	ND <25	ND <25	ND <25	ND <25	ND <25	ND <25	ND <25	ND <25	ND <25	ND <25		
Silver	ug/l	360			ND <1	ND <1	ND <1	ND <1	ND <1	ND <1	ND <1	ND <1	ND <1	ND <1	ND <1	ND <1	ND <1		
Thallium	ug/l	50			ND <1	ND <1	ND <1	ND <1	ND <1	ND <1	ND <1	ND <1	ND <1	ND <1	ND <1	ND <1	ND <1		
Vanadium	ug/l	500			ND <25	ND <25	ND <25	ND <25	ND <25	ND <25	ND <25	ND <25	ND <25	ND <25	ND <25	ND <25	ND <25		
Zinc	ug/l	50,000			<b>62</b>	<b>130</b>	<b>66</b>	<b>50</b>	<b>73</b>	<b>66</b>	<b>55</b>	<b>50</b>	<b>69</b>	<b>58</b>	<b>56</b>	<b>55</b>	<b>55</b>	<b>55</b>	
<b>SPLP Metals (SW-846 7471B)</b>																			
Mercury	mg/l	20			ND <0.00010	ND <0.00010	ND <0.00010	ND <											



**Table 8**  
**TP-8 Soil Sample Analytical Results Summary**  
**Fairfield Aggregate Recycling Facility**  
**Richard White Way, Fairfield, CT**  
**July 2020**

Station Name	Units	GB PMC	I/C DEC	R DEC	TP-8 (0-10ft)(0-5ft)-C	TP-8 (0-10ft)(5-10ft)-C	TP-8 (0-10ft)(10-15ft)-C	TP-8 (0-10ft)(15-20ft)-C	TP-8 (10-20ft)(0-5ft)-C	TP-8 (10-20ft)(5-10ft)-C	TP-8 (10-20ft)(10-15ft)-C	TP-8 (10-20ft)(15-20ft)-C	TP-8 (20-30ft)(0-5ft)-C	TP-8 (20-30ft)(5-10ft)-C	TP-8 (20-30ft)(10-15ft)-C	TP-8 (20-30ft)(15-20ft)-C	
Sample Date					6/11/2020	6/11/2020	6/11/2020	6/11/2020	6/11/2020	6/11/2020	6/11/2020	6/11/2020	6/11/2020	6/11/2020	6/11/2020	6/11/2020	
Parent Sample																	
<b>Metals (SW-846 6010D)</b>																	
Antimony	mg/kg		8,200	27	ND <1.8	ND <1.7	ND <1.9	ND <2.0	ND <1.8	ND <1.8	ND <1.8	ND <1.8	ND <1.8	ND <1.8	ND <1.8	ND <1.8	
Arsenic	mg/kg		10	10	ND <3.5	ND <3.5	30	ND <4.0	ND <3.6	ND <3.7	ND <3.6	ND <3.6	ND <3.5	ND <3.7	ND <3.6	ND <3.5	
Barium	mg/kg		140,000	4,700	66	73	73	77	58	76	59	63	73	58	61	66	
Beryllium	mg/kg		2	2	0.4	0.43	0.43	0.35	0.35	0.38	0.36	0.37	0.4	0.41	0.34	0.35	
Cadmium	mg/kg		1,000	34	ND <0.35	ND <0.35	0.52	ND <0.40	ND <0.36	ND <0.37	ND <0.36	ND <0.36	ND <0.35	ND <0.37	ND <0.36	ND <0.35	
Chromium	mg/kg		100	100	18	19	19	16	15	17	15	17	18	15	18	15	
Copper	mg/kg		76,000	2,500	26	35	26	29	30	37	24	24	32	29	30	26	
Lead	mg/kg		1,000	400	35	32	25	23	33	31	29	33	37	32	33	40	
Nickel	mg/kg		7,500	1,400	14	15	14	13	12	13	11	12	14	13	14	12	
Selenium	mg/kg		10,000	340	ND <3.5	ND <3.5	ND <3.7	ND <4.0	ND <3.6	ND <3.7	ND <3.6	ND <3.5	ND <3.6	ND <3.6	ND <3.5	ND <3.5	
Silver	mg/kg		10,000	340	ND <0.35	ND <0.35	ND <0.37	ND <0.40	ND <0.36	ND <0.37	ND <0.36	ND <0.36	ND <0.35	ND <0.37	ND <0.36	ND <0.35	
Thallium	mg/kg		160	5.4	ND <1.8	ND <1.7	ND <1.9	ND <2.0	ND <1.8	ND <1.8	ND <1.8	ND <1.8	ND <1.8	ND <1.8	ND <1.8	ND <1.8	
Vanadium	mg/kg		14,000	470	37	37	38	59	42	40	36	36	44	41	43	47	
Zinc	mg/kg		610,000	20,000	92	92	70	51	76	74	86	180	78	69	73	64	
<b>Metals (SW-846 7471B)</b>																	
Mercury	mg/kg		610	20	0.047	0.046	ND <0.029	ND <0.030	0.045	0.043	0.036	0.036	0.052	0.062	0.046	0.047	
<b>Semi-VOAs (SW-846 8270D-E)</b>																	
2-Methylnaphthalene	ug/kg	5,600	1,000,000	270,000	ND <380	ND <740	ND <390	ND <810	ND <370	ND <760	ND <760	ND <730	ND <750	ND <380	ND <740	ND <740	
Acenaphthene	ug/kg	84,000	2,500,000	1,000,000	ND <380	ND <740	ND <390	ND <810	ND <370	ND <760	ND <760	ND <730	ND <750	ND <380	ND <740	ND <740	
Acenaphthylene	ug/kg	84,000	2,500,000	1,000,000	ND <380	ND <740	ND <390	ND <810	ND <370	ND <760	ND <760	ND <730	ND <750	ND <380	ND <740	ND <740	
Anthracene	ug/kg	400,000	2,500,000	1,000,000	1,200	ND <740	ND <390	ND <810	ND <370	ND <760	ND <760	ND <730	ND <750	ND <380	ND <740	ND <740	
Benz(a)anthracene	ug/kg	1,000	7,800	1,000	3,800	1,100	970	1,900	1,400	1,500	2,100	2,200	1,500	1,800	1,400	2,000	
Benz(a)pyrene	ug/kg	1,000	1,000	1,000	3,700	1,400	1,200	2,000	1,700	2,200	2,400	1,700	1,900	1,400	1,800	1,800	
Benz(b)fluoranthene	ug/kg	1,000	7,800	1,000	5,200	1,700	1,500	2,900	2,200	2,800	3,200	2,200	2,400	1,900	2,500	2,500	
Benz(g,h,i)perylene	ug/kg	1,000	7,800	8,400	1,900	1,100	600	1,200	720	1,100	1,100	1,000	1,100	980	1,300	1,300	
Benz(k)fluoranthene	ug/kg	1,000	78,000	8,400	1,700	ND <740	490	1,000	770	890	1,100	740	870	740	860	860	
Chrysene	ug/kg	1,000	780,000	8,400	3,700	1,200	990	2,300	1,500	1,600	1,900	2,100	1,500	1,900	1,500	2,000	
Diben(ah)anthracene	ug/kg	1,000	1,000	1,000	610	ND <740	ND <390	ND <810	ND <370	ND <760	ND <760	ND <730	ND <750	ND <380	ND <740	ND <740	
Fluoranthene	ug/kg	56,000	2,500,000	1,000,000	8,700	2,000	1,700	4,500	2,600	3,000	3,700	3,900	2,800	4,200	2,800	4,600	4,600
Fluorene	ug/kg	56,000	2,500,000	1,000,000	520	ND <740	ND <390	ND <810	ND <370	ND <760	ND <760	ND <730	ND <750	ND <380	ND <740	ND <740	
Indeno(1,2,3-cd)pyrene	ug/kg	1,000	7,800	1,000	2,400	1,300	770	1,400	1,000	1,300	1,400	1,600	1,200	1,200	1,100	1,500	
Naphthalene	ug/kg	56,000	2,500,000	1,000,000	ND <380	ND <740	ND <390	ND <810	ND <370	ND <760	ND <760	ND <730	ND <750	ND <380	ND <740	ND <740	
Phenanthrene	ug/kg	40,000	2,500,000	1,000,000	5,700	940	830	2,400	1,200	2,100	2,200	2,400	1,600	2,100	1,100	3,600	
Pyrene	ug/kg	40,000	2,500,000	1,000,000	8,100	2,300	2,000	5,100	3,100	3,600	4,400	4,600	3,200	3,800	2,800	4,600	
Total PAHs	ug/kg				47,230	13,040	11,050	24,700	16,190	18,990	22,900	24,600	17,440	21,270	15,720	24,760	
<b>PCBs (SW-846 8082A)</b>																	
Aroclor-1016	mg/kg	-	-	-	ND <0.087	ND <0.088	ND <0.091	ND <0.096	ND <0.087	ND <0.09	ND <0.087	ND <0.097	ND <0.085	ND <0.09	ND <0.088	ND <0.088	
Aroclor-1221	mg/kg	-	-	-	ND <0.087	ND <0.088</											

**Table 8**  
**TP-8 Soil Sample Analytical Results Summary**  
**Fairfield Aggregate Recycling Facility**  
**Richard White Way, Fairfield, CT**  
**July 2020**

Station Name	Units	GB PMC	I/C DEC	R DEC	TP-8 (30-40ft)(0-5ft)-C	TP-8 (30-40ft)(5-10ft)-C	TP-8 (30-40ft)(10-15ft)-C	TP-8 (30-40ft)(15-20ft)-C	TP-8 (40-50ft)(0-5ft)-C	TP-8 (40-50ft)(5-10ft)-C	TP-8 (40-50ft)(10-15ft)-C	TP-8 (40-50ft)(15-20ft)-C	TP-8 (50-60ft)(0-5ft)-C	TP-8 (50-60ft)(5-10ft)-C	TP-8 (50-60ft)(10-15ft)-C	TP-8 (50-60ft)(15-20ft)-C
Sample Date					6/12/2020	6/12/2020	6/12/2020	6/12/2020	6/12/2020	6/12/2020	6/12/2020	6/12/2020	6/12/2020	6/12/2020	6/12/2020	6/12/2020
Parent Sample																
<b>Metals (SW-846 6010D)</b>																
Antimony	mg/kg		8,200	27	ND <1.8	ND <1.7	ND <1.8	ND <1.8	ND <1.8	ND <1.8	ND <1.8	ND <1.7	ND <1.8	ND <1.8	ND <1.8	ND <1.8
Arsenic	mg/kg		10	10	ND <3.5	ND <3.4	ND <3.6	3.9	ND <3.7	6.6	ND <3.7	ND <3.5	ND <3.6	3.9	ND <3.5	ND <3.7
Barium	mg/kg		140,000	4,700	53	48	67	54	49	52	60	53	54	56	57	49
Beryllium	mg/kg		2	2	0.32	0.33	0.32	0.34	0.32	0.32	0.35	0.31	0.35	0.36	0.33	0.3
Cadmium	mg/kg		1,000	34	ND <0.35	ND <0.34	ND <0.36	ND <0.37	ND <0.37	ND <0.36	ND <0.37	ND <0.35	ND <0.36	ND <0.36	ND <0.35	ND <0.37
Chromium	mg/kg		100	100	14	14	14	16	15	14	15	15	14	15	13	
Copper	mg/kg		76,000	2,500	25	27	28	38	35	29	33	35	43	32	31	33
Lead	mg/kg		1,000	400	25	29	29	30	26	30	34	36	27	25	29	35
Nickel	mg/kg		7,500	1,400	11	12	11	13	12	12	12	13	11	11	12	11
Selenium	mg/kg		10,000	340	ND <3.5	ND <3.4	ND <3.6	ND <3.7	ND <3.7	ND <3.6	ND <3.7	ND <3.6	ND <3.6	ND <3.5	ND <3.7	ND <3.7
Silver	mg/kg		10,000	340	ND <0.35	ND <0.34	ND <0.36	ND <0.37	ND <0.37	ND <0.36	ND <0.37	ND <0.35	ND <0.36	ND <0.36	ND <0.35	ND <0.37
Thallium	mg/kg		160	5.4	ND <1.8	ND <1.7	ND <1.8	ND <1.8	ND <1.8	ND <1.8	ND <1.8	ND <1.8	ND <1.8	ND <1.8	ND <1.8	ND <1.8
Vanadium	mg/kg		14,000	470	38	43	38	40	44	45	40	39	40	41	40	41
Zinc	mg/kg		610,000	20,000	57	68	74	78	71	65	68	69	81	64	100	75
<b>Metals (SW-846 7471B)</b>																
Mercury	mg/kg		610	20	0.048	0.053	0.043	0.038	0.042	0.05	0.057	0.049	0.059	0.051	0.05	0.051
<b>Semi-VOAs (SW-846 8270D-E)</b>																
2-Methylnaphthalene	ug/kg	5,600	1,000,000	270,000	ND <730	ND <730	ND <910	ND <940	ND <930	ND <910	ND <940	ND <1,900	ND <910	ND <1,800	ND <1,800	ND <1,900
Acenaphthene	ug/kg	84,000	2,500,000	1,000,000	ND <730	ND <730	ND <910	ND <940	ND <930	ND <910	ND <940	ND <1,900	ND <910	ND <1,800	ND <1,800	ND <1,900
Acenaphthylene	ug/kg	84,000	2,500,000	1,000,000	ND <730	ND <730	ND <910	ND <940	ND <930	ND <910	ND <940	ND <1,900	ND <910	ND <1,800	ND <1,800	ND <1,900
Anthracene	ug/kg	400,000	2,500,000	1,000,000	ND <730	ND <730	ND <910	ND <940	ND <930	ND <910	ND <940	ND <1,900	ND <910	ND <1,800	ND <1,800	ND <1,900
Benzo(a)anthracene	ug/kg	1,000	7,800	1,000	1,600	2,900	1,900	1,400	1,100	2,300	2,300	3,300	1,100	3,200	4,500	6,200
Benzo(a)pyrene	ug/kg	1,000	1,000	1,000	1,800	3,100	2,000	1,600	1,200	2,300	2,400	3,700	1,100	3,400	5,300	6,500
Benzo(b)fluoranthene	ug/kg	1,000	7,800	1,000	2,400	4,100	2,700	2,100	1,400	2,800	3,000	4,600	1,300	4,300	6,600	8,100
Benzo(g,h,i)perylene	ug/kg	1,000	7,800	8,400	1,500	2,800	1,700	1,400	ND <930	1,600	1,700	3,300	ND <910	2,500	3,900	4,100
Benzo(k)fluoranthene	ug/kg	1,000	78,000	8,400	770	1,600	950	ND <940	ND <930	1,100	1,200	ND <1,900	ND <910	ND <1,800	2,500	3,100
Chrysene	ug/kg	1,000	780,000	8,400	1,800	3,400	2,200	1,700	1,100	2,400	2,500	3,800	1,200	3,500	5,500	6,600
Diben(1,2,3,4)anthracene	ug/kg	1,000	1,000	ND <730	ND <730	ND <910	ND <940	ND <930	ND <910	ND <940	ND <1,900	ND <910	ND <1,800	ND <1,800	ND <1,900	
Fluoranthene	ug/kg	56,000	2,500,000	1,000,000	3,400	7,000	4,400	2,900	1,900	4,500	4,700	7,200	2,200	6,500	10,000	13,000
Fluorene	ug/kg	56,000	2,500,000	1,000,000	ND <730	ND <730	ND <910	ND <940	ND <930	ND <910	ND <940	ND <1,900	ND <910	ND <1,800	ND <1,800	ND <1,900
Indeno(1,2,3-cd)pyrene	ug/kg	1,000	7,800	1,000	1,600	3,000	1,800	1,300	1,000	1,800	2,100	3,500	ND <910	2,900	4,500	4,600
Naphthalene	ug/kg	56,000	2,500,000	1,000,000	ND <730	ND <730	ND <910	ND <940	ND <930	ND <910	ND <940	ND <1,900	ND <910	ND <1,800	ND <1,800	ND <1,900
Phenanthrene	ug/kg	40,000	2,500,000	1,000,000	1,800	4,000	2,300	1,400	ND <930	3,200	2,600	3,400	1,700	3,500	5,900	7,300
Pyrene	ug/kg	40,000	2,500,000	1,000,000	3,600	6,500	4,500	3,100	2,200	5,100	5,100	7,300	2,500	7,300	12,000	14,000
Total PAHs	ug/kg				20,270	38,400	24,450	16,900	9,900	27,100	27,600	40,100	11,100	37,100	60,700	73,500
<b>PCBs (SW-846 8082A)</b>																
Aroclor-1016	mg/kg	-	-	-	ND <0.087	ND <0.084	ND <0.086	ND <0.087	ND <0.088	ND <0.086	ND <0.089	ND <0.085	ND <0.085	ND <0.083	ND <0.089	
Arocl																

**Table 8**  
**TP-8 Soil Sample Analytical Results Summary**  
**Fairfield Aggregate Recycling Facility**  
**Richard White Way, Fairfield, CT**  
**July 2020**

Station Name	Units	GB PMC	I/C DEC	R DEC	TP-8 (60-70ft)(0-5ft)-C	TP-8 (60-70ft)(5-10ft)-C	TP-8 (60-70ft)(10-15ft)-C	TP-8 (60-70ft)(15-20ft)-C	TP-8 (70-80ft)(0-5ft)-C	TP-8 (70-80ft)(5-10ft)-C	TP-8 (70-80ft)(10-15ft)-C	TP-8 (70-80ft)(15-20ft)-C	DUP-14-C	
Sample Date					6/12/2020	6/12/2020	6/12/2020	6/12/2020	6/12/2020	6/12/2020	6/12/2020	6/12/2020		
Parent Sample													TP-8 (60-70ft)(0-5ft)-C	
<b>Metals (SW-846 6010D)</b>														
Antimony	mg/kg		8,200	27	ND <1.7	ND <1.8	ND <1.8	ND <1.8	ND <1.8	ND <1.8	ND <1.7	ND <2.0	ND <1.8	
Arsenic	mg/kg	10	10	<b>5.2</b>	ND <3.5	ND <3.6	ND <3.6	ND <3.6	<b>4.4</b>	ND <3.4	<b>6.4</b>	<b>5.8</b>		
Barium	mg/kg	140,000	4,700	<b>63</b>	<b>57</b>	<b>50</b>	<b>55</b>	<b>62</b>	<b>64</b>	<b>45</b>	<b>61</b>	<b>61</b>		
Beryllium	mg/kg	2	2	<b>0.37</b>	<b>0.31</b>	<b>0.34</b>	<b>0.35</b>	<b>0.38</b>	<b>0.4</b>	<b>0.34</b>	<b>0.39</b>	<b>0.39</b>		
Cadmium	mg/kg	1,000	34	ND <0.35	ND <0.35	ND <0.36	ND <0.36	ND <0.36	ND <0.35	ND <0.34	ND <0.40	ND <0.35		
Chromium	mg/kg	100	100	<b>17</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>17</b>	<b>16</b>	<b>13</b>	<b>20</b>	<b>21</b>		
Copper	mg/kg	76,000	2,500	<b>62</b>	<b>31</b>	<b>25</b>	<b>28</b>	<b>29</b>	<b>38</b>	<b>25</b>	<b>26</b>	<b>66</b>		
Lead	mg/kg	1,000	400	<b>34</b>	<b>28</b>	<b>24</b>	<b>28</b>	<b>25</b>	<b>27</b>	<b>20</b>	<b>25</b>	<b>51</b>		
Nickel	mg/kg	7,500	1,400	<b>12</b>	<b>11</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>11</b>	<b>11</b>	<b>13</b>	<b>11</b>		
Selenium	mg/kg	10,000	340	ND <3.5	ND <3.5	ND <3.6	ND <3.6	ND <3.6	ND <3.6	ND <3.5	ND <4.0	ND <3.5		
Silver	mg/kg	10,000	340	ND <0.35	ND <0.35	ND <0.36	ND <0.36	ND <0.36	ND <0.35	ND <0.34	ND <0.40	ND <0.35		
Thallium	mg/kg	160	5.4	ND <1.7	ND <1.8	ND <1.8	ND <1.8	ND <1.8	ND <1.8	ND <1.7	ND <2.0	ND <1.8		
Vanadium	mg/kg	14,000	470	<b>35</b>	<b>37</b>	<b>35</b>	<b>40</b>	<b>42</b>	<b>36</b>	<b>39</b>	<b>42</b>	<b>34</b>		
Zinc	mg/kg	610,000	20,000	<b>110</b>	<b>71</b>	<b>61</b>	<b>58</b>	<b>68</b>	<b>78</b>	<b>59</b>	<b>72</b>	<b>120</b>		
<b>Metals (SW-846 7471B)</b>														
Mercury	mg/kg	610	20	<b>0.061</b>	<b>0.064</b>	<b>0.048</b>	<b>0.038</b>	<b>0.056</b>	<b>0.069</b>	<b>0.029</b>	<b>0.042</b>	<b>0.061</b>		
<b>Semi-VOAs (SW-846 8270D-E)</b>														
2-Methylnaphthalene	ug/kg	5,600	1,000,000	270,000	ND <900	ND <1,800	ND <740	ND <740	ND <920	ND <1,800	ND <1,700	ND <2,100	ND <720	
Acenaphthene	ug/kg	84,000	2,500,000	1,000,000	ND <900	ND <1,800	ND <740	ND <740	ND <920	ND <1,800	ND <1,700	ND <2,100	ND <720	
Acenaphthylene	ug/kg	84,000	2,500,000	1,000,000	ND <900	ND <1,800	ND <740	ND <740	<b>1,900</b>	ND <1,800	ND <1,700	ND <2,100	ND <720	
Anthracene	ug/kg	400,000	2,500,000	1,000,000	ND <900	ND <1,800	ND <740	ND <740	<b>3,400</b>	ND <1,800	ND <1,700	ND <2,100	ND <720	
Benzo(a)anthracene	ug/kg	1,000	7,800	1,000	<b>1,900</b>	<b>2,600</b>	<b>2,500</b>	<b>1,500</b>	<b>6,300</b>	<b>2,800</b>	<b>2,900</b>	<b>3,900</b>	<b>980</b>	
Benzo(a)pyrene	ug/kg	1,000	1,000	1,000	<b>1,900</b>	<b>2,700</b>	<b>2,600</b>	<b>1,700</b>	<b>5,200</b>	<b>2,800</b>	<b>2,800</b>	<b>3,400</b>	<b>1,100</b>	
Benzo(a)fluoranthene	ug/kg	1,000	7,800	1,000	<b>2,600</b>	<b>3,500</b>	<b>3,100</b>	<b>2,300</b>	<b>6,600</b>	<b>3,500</b>	<b>3,900</b>	<b>4,700</b>	<b>1,400</b>	
Benzo(g,h,i)perylene	ug/kg	1,000	7,800	8,400	<b>1,300</b>	<b>2,000</b>	<b>1,600</b>	<b>1,100</b>	<b>2,200</b>	<b>1,900</b>	ND <1,700	ND <2,100	ND <720	
Benzo(k)fluoranthene	ug/kg	1,000	78,000	8,400	<b>1,100</b>	ND <1,800	<b>1,400</b>	<b>780</b>	<b>2,700</b>	ND <1,800	ND <1,700	ND <2,100	ND <720	
Chrysene	ug/kg	1,000	780,000	8,400	<b>2,100</b>	<b>3,000</b>	<b>2,700</b>	<b>1,700</b>	<b>6,200</b>	<b>3,000</b>	<b>3,400</b>	<b>4,200</b>	<b>1,000</b>	
Dibenz(a,h)anthracene	ug/kg	1,000	1,000	ND <900	ND <1,800	ND <740	ND <740	ND <920	ND <1,800	ND <1,700	ND <2,100	ND <720		
Fluoranthene	ug/kg	56,000	2,500,000	1,000,000	<b>3,600</b>	<b>6,100</b>	<b>4,400</b>	<b>2,800</b>	<b>12,000</b>	<b>5,200</b>	<b>6,300</b>	<b>7,600</b>	<b>1,800</b>	
Fluorene	ug/kg	56,000	2,500,000	1,000,000	ND <900	ND <1,800	ND <740	ND <740	<b>3,500</b>	ND <1,800	ND <1,700	ND <2,100	ND <720	
Indeno(1,2,3-cd)pyrene	ug/kg	1,000	7,800	1,000	<b>1,300</b>	<b>2,200</b>	<b>1,700</b>	<b>1,200</b>	<b>2,600</b>	<b>1,900</b>	ND <1,700	ND <2,100	<b>840</b>	
Naphthalene	ug/kg	56,000	2,500,000	1,000,000	ND <900	ND <1,800	ND <740	ND <740	ND <920	ND <1,800	ND <1,700	ND <2,100	ND <720	
Phenanthrene	ug/kg	40,000	2,500,000	1,000,000	<b>1,800</b>	<b>3,500</b>	<b>2,700</b>	<b>1,500</b>	<b>16,000</b>	<b>3,700</b>	<b>4,300</b>	<b>7,600</b>	<b>770</b>	
Pyrene	ug/kg	40,000	2,500,000	1,000,000	<b>4,000</b>	<b>6,800</b>	<b>6,100</b>	<b>3,300</b>	<b>14,000</b>	<b>6,300</b>	<b>7,300</b>	<b>9,700</b>	<b>2,000</b>	
Total PAHs	ug/kg				<b>21,600</b>	<b>32,400</b>	<b>28,800</b>	<b>17,880</b>	<b>82,600</b>	<b>31,100</b>	<b>30,900</b>	<b>41,100</b>	<b>9,890</b>	
<b>PCBs (SW-846 8082A)</b>														
Aroclor-1016	mg/kg	-	-	-	ND <0.085	ND <0.085	ND <0.085	ND <0.087	ND <0.087	ND <0.086	ND <0.08	ND <0.097	ND <0.085	
Aroclor-1221	mg/kg	-	-	-	ND <0.085	ND <0.085	ND <0.085	ND <0.087	ND <0.087	ND <0.086	ND <0.08	ND <0.097	ND <0.085	
Aroclor-1232	mg/kg	-	-	-	ND <0.085	ND <0.085	ND <0.085	ND <0.087	ND <0.087	ND <0.086	ND <0.08	ND <0.097	ND <0.085	
Aroclor-1242	mg/kg	-	-	-	ND <0.085	ND <0.085	ND <0.085	ND <0.087	ND <0.087	ND <0.086	ND <0.08	ND <0.097	ND <0.085	
Aroclor-1248	mg/kg	-	-	-	ND <0.085	ND <0.085	ND <0.085	ND <0.087	ND <0.087	ND <				

**Table 9**  
**TP-9 Soil Sample Analytical Data Summary**  
**Fairfield Aggregate Recycling Facility**  
**Fairfield, CT**  
**July 2020**

Station Name	Units	GB PMC	I/C DEC	R DEC	TP-9 (0-10ft)(0-5ft)-C	TP-9 (0-10ft)(5-10ft)-C	TP-9 (0-10ft)(10-15ft)-C	TP-9 (0-10ft)(15-20ft)-C	TP-9 (0-20ft)(0-5ft)-C	TP-9 (0-20ft)(5-10ft)-C	TP-9 (0-20ft)(10-15ft)-C	TP-9 (0-20ft)(15-20ft)-C	TP-9 (20-30ft)(0-5ft)-C	TP-9 (20-30ft)(5-10ft)-C	TP-9 (20-30ft)(10-15ft)-C	TP-9 (20-30ft)(15-20ft)-C	TP-9 (30-40ft)(0-5ft)-C	TP-9 (30-40ft)(5-10ft)-C
Sample Date					6/12/2020	6/12/2020	6/12/2020	6/12/2020	6/12/2020	6/12/2020	6/12/2020	6/12/2020	6/12/2020	6/12/2020	6/12/2020	6/12/2020	6/15/2020	6/15/2020
Parent Sample																		
<b>Metals (SW-846 6010D)</b>																		
Antimony	mg/kg	8,200	27	ND < 2.0	ND < 1.8	ND < 1.9	ND < 1.9	ND < 1.9	ND < 1.9	ND < 1.9	ND < 1.9	ND < 1.9	ND < 1.8	ND < 1.9	ND < 1.8	ND < 1.8	ND < 1.8	
Arsenic	mg/kg	10	10	ND < 4.1	ND < 3.7	4.4	7.9	4.9	4.7	6.1	4.7	4.8	4.5	ND < 3.5	ND < 3.6	5.4	4.4	
Barium	mg/kg	140,000	4,700	68	61	63	71	70	76	71	72	77	71	69	75	76	76	
Beryllium	mg/kg	2	2	0.48	0.41	0.44	0.48	0.45	0.49	0.44	0.43	0.43	0.45	0.42	0.41	0.49	0.5	
Cadmium	mg/kg	1,000	34	0.44	ND < 0.37	ND < 0.38	ND < 0.38	ND < 0.37	ND < 0.37	ND < 0.37	ND < 0.37	ND < 0.37	ND < 0.36	ND < 0.38	ND < 0.35	ND < 0.36	ND < 0.37	
Chromium	mg/kg	100	100	23	17	20	22	19	20	19	18	20	18	18	18	21	22	
Copper	mg/kg	76,000	2,500	34	31	36	34	43	38	41	36	40	31	28	33	45	48	
Lead	mg/kg	1,000	400	45	40	34	43	46	63	43	45	46	110	43	42	43	43	
Nickel	mg/kg	7,500	1,400	15	12	21	17	15	17	14	14	15	13	13	13	15	17	
Selenium	mg/kg	10,000	340	ND < 4.1	ND < 3.7	ND < 3.8	ND < 3.8	ND < 3.7	ND < 3.7	ND < 3.7	ND < 3.6	ND < 3.8	ND < 3.5	ND < 3.6	ND < 3.6	ND < 3.7	ND < 3.7	
Silver	mg/kg	10,000	340	ND < 0.41	ND < 0.37	ND < 0.38	ND < 0.38	ND < 0.37	ND < 0.37	ND < 0.37	ND < 0.37	ND < 0.36	ND < 0.38	ND < 0.35	ND < 0.36	0.86	0.77	
Thallium	mg/kg	160	5.4	ND < 2.0	ND < 1.8	ND < 1.9	ND < 1.9	ND < 1.9	ND < 1.9	ND < 1.9	ND < 1.8	ND < 1.9	ND < 1.8	ND < 1.8	ND < 1.8	ND < 1.8	ND < 1.8	
Vanadium	mg/kg	14,000	470	38	34	39	38	35	36	35	35	33	33	35	40	36	36	
Zinc	mg/kg	610,000	20,000	97	93	89	74	100	120	90	96	83	85	79	81	93	100	
<b>Metals (SW-846 7471B)</b>																		
Mercury	mg/kg	610	20	0.035	0.056	0.051	0.039	0.054	0.052	0.054	0.052	0.052	0.054	0.053	0.05	0.049	0.061	0.061
<b>Semi-VOAs (SW-846 8270D-E)</b>																		
2-Methylnaphthalene	ug/kg	5,600	1,000,000	270,000	ND < 830	ND < 750	ND < 380	ND < 1,200	ND < 760	ND < 380	ND < 390	ND < 740	ND < 390	ND < 750	ND < 380	ND < 380	ND < 380	
Acenaphthene	ug/kg	84,000	2,500,000	1,000,000	ND < 830	ND < 750	ND < 380	ND < 1,200	ND < 760	ND < 380	ND < 390	ND < 740	ND < 390	ND < 750	ND < 380	ND < 380	ND < 380	
Acenaphthylene	ug/kg	84,000	2,500,000	1,000,000	ND < 830	ND < 750	ND < 380	ND < 1,200	ND < 760	ND < 380	ND < 390	ND < 740	ND < 390	ND < 750	ND < 380	ND < 380	ND < 380	
Anthracene	ug/kg	400,000	2,500,000	1,000,000	ND < 830	ND < 750	400	ND < 1,200	1,200	ND < 380	ND < 390	ND < 740	ND < 390	1,800	ND < 380	ND < 380	ND < 380	
Benzo(a)anthracene	ug/kg	1,000	7,800	1,000	2,300	1,100	1,300	ND < 1,200	3,500	1,100	910	1,200	970	940	1,100	6,100	1,300	1,500
Benzo(a)pyrene	ug/kg	1,000	1,000	2,300	1,200	1,600	2,000	ND < 1,200	3,500	1,300	1,400	1,600	1,200	1,100	1,300	6,100	1,500	1,700
Benzo(b)fluoranthene	ug/kg	1,000	7,800	1,000	3,100	1,600	2,000	1,400	3,900	1,800	1,600	2,000	1,300	1,400	1,600	7,700	1,800	2,000
Benzo(g,h,i)perylene	ug/kg	1,000	78,000	8,400	1,400	840	880	ND < 1,200	1,800	790	810	1,000	ND < 740	670	3,000	1,100	1,300	
Benzo(k)fluoranthene	ug/kg	1,000	78,000	8,400	1,200	700	ND < 750	ND < 1,200	1,600	600	550	790	ND < 740	510	ND < 740	2,500	680	770
Chrysene	ug/kg	1,000	78,000	8,400	2,500	1,200	1,400	ND < 1,200	3,500	1,200	1,000	1,500	950	1,000	1,100	6,100	1,400	1,600
Dibenz(a,h)anthracene	ug/kg	1,000	1,000	ND < 830	ND < 750	ND < 380	ND < 1,200	ND < 760	ND < 380	ND < 390	ND < 740	ND < 390	ND < 750	ND < 380	ND < 380	ND < 380	ND < 380	
Fluoranthene	ug/kg	56,000	2,500,000	1,000,000	6,000	2,600	2,700	1,800	7,000	2,700	2,200	3,100	1,800	2,000	2,500	15,000	2,300	2,800
Fluorene	ug/kg	56,000	2,500,000	1,000,000	ND < 830	ND < 750	ND < 380	ND < 1,200	ND < 760	ND < 380	ND < 390	ND < 740	ND < 390	ND < 750	ND < 380	ND < 380	ND < 380	
Indeno[1,2,3-cd]pyrene	ug/kg	1,000	7,800	1,000	1,600	990	1,200	ND < 1,200	2,300	990	1,100	1,300	900	900	980	4,300	1,200	1,300
Naphthalene	ug/kg	56,000	2,500,000	1,000,000	ND < 830	ND < 750	ND < 380	ND < 1,200	ND < 760	ND < 380	ND < 390	ND < 740	ND < 390	ND < 750	ND < 380	ND < 380	ND < 380	
Phenanthrene	ug/kg	40,000	2,500,000	1,000,000	2,700	910	1,200	ND < 1,200	6,800	870	1,000	1,300	910	1,800	8,900	960	1,500	

**Table 9**  
**TP-9 Soil Sample Analytical Data Summary**  
**Fairfield Aggregate Recycling Facility**  
**Fairfield, CT**  
**July 2020**

Station Name	Units	GB PMC	I/C DEC	R DEC	TP-9 (30-40ft)(10-15ft)-C	TP-9 (30-40ft)(15-20ft)-C	TP-9 (40-50ft)(0-5ft)-C	TP-9 (40-50ft)(5-10ft)-C	TP-9 (40-50ft)(10-15ft)-C	TP-9 (40-50ft)(15-20ft)-C	TP-9 (50-60ft)(0-5ft)-C	TP-9 (50-60ft)(5-10ft)-C	TP-9 (50-60ft)(10-15ft)-C	TP-9 (50-60ft)(15-20ft)-C	TP-9 (60-70)(0-5ft)-C	TP-9 (60-70)(5-10ft)-C	TP-9 (60-70)(10-15ft)-C	TP-9 (60-70)(15-20ft)-C
Sample Date					6/15/2020	6/15/2020	6/15/2020	6/15/2020	6/15/2020	6/15/2020	6/15/2020	6/15/2020	6/15/2020	6/15/2020	6/15/2020	6/15/2020	6/15/2020	
Parent Sample																		
<b>Metals (SW-846 6010D)</b>																		
Antimony	mg/kg	8,200	27		ND < 1.8	ND < 1.9	ND < 1.8	ND < 1.8	ND < 1.8	ND < 1.8	ND < 1.7	ND < 1.8	ND < 1.8	ND < 1.9	ND < 1.8	ND < 1.9	ND < 1.9	
Arsenic	mg/kg	10	10	4.5	4.9	6.1	4	4.5	7	6.1	4.6	3.8	5.8	3.7	5.6	4.8	8.5	
Barium	mg/kg	140,000	4,700	70	69	78	74	80	77	78	76	83	69	73	71	62		
Beryllium	mg/kg	2	2	0.53	0.52	0.51	0.47	0.52	0.49	0.48	0.49	0.47	0.52	0.44	0.47	0.47	0.38	
Cadmium	mg/kg	1,000	34	ND < 0.36	ND < 0.38	0.43	ND < 0.36	ND < 0.37	0.38	ND < 0.35	ND < 0.36	ND < 0.37	ND < 0.37	ND < 0.36	ND < 0.38	ND < 0.36	0.45	
Chromium	mg/kg	100	100	20	19	22	23	20	20	23	22	19	22	21	19	20	18	
Copper	mg/kg	76,000	2,500	42	39	50	33	42	57	50	39	34	56	36	47	43	73	
Lead	mg/kg	1,000	400	41	43	48	37	710	63	46	57	53	69	46	45	39	43	
Nickel	mg/kg	7,500	1,400	15	14	16	14	14	15	14	15	14	15	16	14	15	13	
Selenium	mg/kg	10,000	340	ND < 3.6	ND < 3.6	ND < 3.6	ND < 3.6	ND < 3.7	ND < 3.7	ND < 3.5	ND < 3.6	ND < 3.7	ND < 3.6	ND < 3.8	ND < 3.6	ND < 3.8	ND < 3.8	
Silver	mg/kg	10,000	340	0.77	0.77	0.88	0.81	0.87	0.79	0.93	0.82	0.91	0.92	0.77	0.75	0.79	0.88	
Thallium	mg/kg	160	5.4	ND < 1.8	ND < 1.9	ND < 1.8	ND < 1.8	ND < 1.8	ND < 1.9	ND < 1.7	ND < 1.8	ND < 1.8	ND < 1.9	ND < 1.8	ND < 1.9	ND < 1.9	ND < 1.9	
Vanadium	mg/kg	14,000	470	38	36	40	37	38	36	37	38	40	35	40	38	36		
Zinc	mg/kg	610,000	20,000	84	95	99	75	190	100	92	80	77	110	72	86	100	180	
<b>Metals (SW-846 7471B)</b>																		
Mercury	mg/kg	610	20	0.053	0.064	0.064	0.055	0.062	0.059	0.061	0.057	0.057	0.046	0.059	0.047	0.051	0.057	0.043
<b>Semi-VOAs (SW-846 8270D-E)</b>																		
2-Methylnaphthalene	ug/kg	5,600	1,000,000	270,000	ND < 380	ND < 390	ND < 380	ND < 380	ND < 380	ND < 380	ND < 380	ND < 380	ND < 380	ND < 380	ND < 380	ND < 380	ND < 380	
Acenaphthene	ug/kg	84,000	2,500,000	1,000,000	ND < 380	ND < 390	ND < 380	ND < 380	ND < 380	ND < 380	ND < 380	ND < 380	ND < 380	ND < 380	ND < 380	ND < 380	ND < 380	
Acenaphthylen	ug/kg	84,000	2,500,000	1,000,000	ND < 380	ND < 390	ND < 380	ND < 380	ND < 380	ND < 380	ND < 380	ND < 380	ND < 380	ND < 380	ND < 380	ND < 380	ND < 380	
Anthracene	ug/kg	400,000	2,500,000	1,000,000	410	ND < 390	ND < 380	470	ND < 390	ND < 380	680	ND < 380	ND < 380	ND < 380	ND < 380	ND < 380	ND < 380	
Benzo(a)anthracene	ug/kg	1,000	7,800	1,000	1,600	1,200	1,500	1,900	1,200	1,500	1,400	2,100	1,400	1,400	1,700	1,800	1,500	1,700
Benzo(a)pyrene	ug/kg	1,000	1,000	1,000	1,600	1,300	1,600	1,900	1,300	1,500	1,500	2,000	1,500	1,600	1,700	1,800	1,900	
Benzo(b)fluoranthene	ug/kg	1,000	7,800	1,000	2,100	1,700	2,000	2,400	1,700	2,000	2,000	2,700	2,000	2,000	2,300	2,400	2,400	
Benzo(g,h,i)perylene	ug/kg	1,000	78,000	8,400	1,100	1,000	1,000	1,100	810	940	1,000	890	1,000	1,400	850	940	1,400	
Benzo(k)fluoranthene	ug/kg	1,000	78,000	8,400	770	630	750	980	650	760	730	1,300	830	730	930	1,000	880	
Chrysene	ug/kg	1,000	78,000	8,400	1,800	1,300	1,600	2,000	1,400	1,600	1,600	2,200	1,500	1,500	1,700	2,000	2,000	
Dibenz(a,h)anthracene	ug/kg	1,000	1,000	1,000	ND < 380	ND < 390	ND < 380	ND < 380	ND < 380	ND < 380	ND < 380	ND < 380	ND < 380	ND < 380	ND < 380	ND < 380	ND < 380	
Fluoranthene	ug/kg	56,000	2,500,000	1,000,000	3,100	2,200	2,700	3,400	2,200	2,600	2,800	3,900	2,500	2,900	2,700	3,200	2,500	3,300
Fluorene	ug/kg	56,000	2,500,000	1,000,000	ND < 380	ND < 390	ND < 380	ND < 380	ND < 380	ND < 380	ND < 380	ND < 380	ND < 380	ND < 380	ND < 380	ND < 380	ND < 380	
Indeno[1,2,3-cd]pyrene	ug/kg	1,000	7,800	1,000	1,200	1,100	1,200	880	1,000	1,200	1,100	1,100	1,500	970	1,100	880	1,600	
Naphthalene	ug/kg	56,000	2,500,000	1,000,000	ND < 380	ND < 390	ND < 380	ND < 380	ND < 380	ND < 380	ND < 380	ND < 380	ND < 380	ND < 380	ND < 380	ND < 380	ND < 380	
Phenanthrene	ug/kg	40,000	2,500,000	1,000,000	1,900	790	1,200	2,200	980	1,200	1,400	2,900	1,300	1,000	1,500	1,800	1,400	1,900
Pyrene	ug/kg	40,000	2,500,000	1,000,000	3,400	2,400	3,300	4,300	2,600	3,000	3,200	4,500	2,900	2,900	3,200	3,600	3,100	4,500
Total PAHs	ug/kg</td																	

**Table 9**  
**TP-9 Soil Sample Analytical Data Summary**  
**Fairfield Aggregate Recycling Facility**  
**Fairfield, CT**  
**July 2020**

Station Name	Units	GB PMC	I/C DEC	R DEC	TP-9 (70-80)(0-5)-C	TP-9 (70-80)(5-10)-C	TP-9 (70-80)(10-15)	TP-9 (70-80)(15-20)-C	TP-9 (80-90) (0-5)-C	TP-9 (80-90) (5-10)-C	TP-9 (80-90) (10-15)-C	TP-9 (80-90)(15-20)-C	TP-9 (90-100) (0-5)-C	TP-9 (90-100) (5-10)-C	TP-9 (90-100) (10-15)-C	TP-9 (90-100) (15-20)-C	DUP-15-C	DUP-16-C
Sample Date					6/15/2020	6/15/2020	6/15/2020	6/15/2020	6/15/2020	6/15/2020	6/15/2020	6/15/2020	6/15/2020	6/15/2020	6/15/2020	6/12/2020	6/15/2020	
Parent Sample																	TP-9 (0-10)(15-20)	TP-9 (60-70)(15-20)
<b>Metals (SW-846 6010D)</b>																		
Antimony	mg/kg	8,200	27	ND < 1.8	ND < 1.8	ND < 2.0	ND < 1.8	ND < 1.8	ND < 1.9	ND < 1.9	ND < 1.7	ND < 1.8	ND < 1.8	ND < 1.8	ND < 1.9	ND < 1.9	ND < 1.9	
Arsenic	mg/kg	10	10	5.2	5.6	4.7	ND < 3.9	5.0	ND < 3.5	5.7	ND < 3.8	3.8	5.6	6.9	3.9	11	13	
Barium	mg/kg	140,000	4,700	72	62	52	51	58	51	61	41	48	73	61	74	73	68	
Beryllium	mg/kg	2	2	0.43	0.4	0.36	0.33	0.38	0.34	0.68	0.31	0.34	0.48	0.36	0.43	0.45	0.4	
Cadmium	mg/kg	1,000	34	1.7	0.39	ND < 0.36	ND < 0.39	ND < 0.36	ND < 0.35	ND < 0.38	ND < 0.38	ND < 0.35	ND < 0.35	ND < 0.36	ND < 0.35	ND < 0.37	0.78	
Chromium	mg/kg	100	100	18	20	15	17	18	15	20	13	15	22	16	19	20	23	
Copper	mg/kg	76,000	2,500	38	50	34	35	45	30	49	38	29	36	40	33	93		
Lead	mg/kg	1,000	400	38	40	28	37	33	22	18	31	24	22	110	49			
Nickel	mg/kg	7,500	1,400	13	13	11	12	13	12	14	11	12	16	13	15	17	16	
Selenium	mg/kg	10,000	340	ND < 3.7	ND < 3.7	ND < 3.6	ND < 3.9	ND < 3.6	ND < 3.5	ND < 3.8	ND < 3.8	ND < 3.5	ND < 3.5	ND < 3.6	ND < 3.5	ND < 3.7	ND < 3.7	
Silver	mg/kg	10,000	340	0.73	0.77	0.75	0.96	0.57	0.58	0.72	0.53	0.57	0.58	0.55	0.57	0.73		
Thallium	mg/kg	160	5.4	ND < 1.8	ND < 1.8	ND < 2.0	ND < 1.8	ND < 1.8	ND < 1.9	ND < 1.9	ND < 1.7	ND < 1.8	ND < 1.8	ND < 1.9	ND < 1.9			
Vanadium	mg/kg	14,000	470	36	37	41	40	43	41	46	52	47	42	47	48	40	39	
Zinc	mg/kg	610,000	20,000	110	100	77	74	100	93	97	67	91	100	78	70	73	170	
<b>Metals (SW-846 7471B)</b>																		
Mercury	mg/kg	610	20	0.066	0.048	0.031	0.034	0.066	0.034	ND < 0.027	ND < 0.029	0.034	0.031	0.033	ND < 0.028	0.037	0.039	
<b>Semi-VOAs (SW-846 8270D-E)</b>																		
2-Methylnaphthalene	ug/kg	5,600	1,000,000	270,000	ND < 750	ND < 380	ND < 1,000	ND < 750	ND < 740	ND < 770	ND < 740	ND < 740	ND < 720	ND < 760	ND < 780	ND < 780		
Acenaphthene	ug/kg	84,000	2,500,000	1,000,000	ND < 750	ND < 380	ND < 1,000	ND < 750	ND < 740	ND < 770	ND < 740	ND < 740	ND < 720	ND < 760	ND < 780	ND < 780		
Acenaphthylene	ug/kg	84,000	2,500,000	1,000,000	ND < 750	ND < 380	1,000	ND < 750	ND < 740	ND < 770	ND < 740	ND < 740	ND < 720	ND < 760	ND < 780	ND < 780		
Anthracene	ug/kg	400,000	2,500,000	1,000,000	ND < 750	ND < 380	450	1,600	ND < 750	ND < 770	ND < 740	ND < 740	ND < 720	ND < 760	ND < 780	ND < 780		
Benzo(a)anthracene	ug/kg	1,000	7,800	1,000	1,300	1,500	2,200	4,800	990	1,700	2,500	6,600	940	1,200	1,800	930	1,200	
Benzo(a)pyrene	ug/kg	1,000	1,000	1,000	1,400	1,600	2,600	4,200	1,100	1,800	2,500	5,100	1,100	970	1,700	900	1,500	
Benzo(b)fluoranthene	ug/kg	1,000	7,800	1,000	1,900	1,900	3,500	4,800	1,400	2,900	3,300	6,100	1,500	1,100	2,900	1,100	1,700	
Benzo(g,h,i)perylene	ug/kg	1,000	78,000	8,400	1,100	1,300	2,200	3,200	810	1,200	1,800	2,000	780	ND < 740	840	860	890	
Benzo(k)fluoranthene	ug/kg	1,000	78,000	8,400	ND < 750	720	1,300	1,800	ND < 750	600	1,300	2,300	ND < 740	ND < 740	860	ND < 760	ND < 780	
Chrysene	ug/kg	1,000	78,000	8,400	1,400	1,600	2,500	5,200	1,000	1,700	2,700	6,400	1,000	1,200	1,800	900	1,300	
Dibenz(a,h)anthracene	ug/kg	1,000	1,000	1,000	ND < 750	ND < 380	ND < 1,000	ND < 750	ND < 740	ND < 770	ND < 740	ND < 740	15,000	ND < 740	ND < 720	ND < 760	ND < 780	
Fluoranthene	ug/kg	56,000	2,500,000	1,000,000	2,200	2,700	3,800	9,600	1,900	3,400	5,000	2,500	1,700	2,200	3,200	1,400	2,900	2,000
Fluorene	ug/kg	56,000	2,500,000	1,000,000	ND < 750	ND < 380	ND < 380	1,600	ND < 750	ND < 740	ND < 770	ND < 740	ND < 740	ND < 720	ND < 760	ND < 780	ND < 780	
Indeno[1,2,3-cd]pyrene	ug/kg	1,000	7,800	1,000	1,200	1,400	3,100	830	1,300	1,800	2,600	760	ND < 740	1,100	ND < 760	1,100	980	
Naphthalene	ug/kg	56,000	2,500,000	1,000,000	ND < 750	ND < 380	ND < 1,000	ND < 750	ND < 740	ND < 770	ND < 740	ND < 740	ND < 720	ND < 760	ND < 780	ND < 780		
Phenanthrene	ug/kg	40,000	2,500,000	1,000,000	1,200	1,400	2,300	11,000	750	1,800	1,800	15,000	ND < 740	2,800	1,800	890	990</td	

Table 10  
TP-10 Soil Sample Analytical Data Summary  
Fairfield Aggregate Recycling Facility  
Richard White Way, Fairfield, CT  
July 2020

Station Name	Units	GB PMC	I/C DEC	R DEC	TP-10 (0-10) (0-5)-C	TP-10 (0-10) (5-10)-C	TP-10 (0-10) (10-15)-C	TP-10 (0-10) (15-20)-C	TP-10 (0-10) (20-5)-C	TP-10 (10-20) (5-10)-C	TP-10 (10-20) (10-15)-C	TP-10 (10-20) (15-20)-C	TP-10 (20-30)(0-5)-C	TP-10 (20-30)(5-10)-C	TP-10 (20-30)(10-15)-C	TP-10 (20-30)(15-20)-C	TP-10 (30-40)(0-5)-C	
Sample Date					6/15/2020	6/15/2020	6/15/2020	6/15/2020	6/15/2020	6/15/2020	6/15/2020	6/15/2020	6/16/2020	6/16/2020	6/16/2020	6/16/2020	6/16/2020	
Parent Sample																		
<b>Metals (SW-846 6010D)</b>																		
Antimony	mg/kg	8,200	27	ND <1.8	ND <1.8	ND <1.8	ND <1.8	ND <1.8	ND <1.8	ND <1.8	ND <1.8	ND <1.8	ND <1.7	ND <1.8	ND <1.9	ND <1.8	ND <1.9	
Arsenic	mg/kg	10	10	4.3	3.9	ND <3.5	3.7	4.8	3.7	4.4	4.4	4.4	ND <3.5	4.9	6.4	3.9	4.1	
Barium	mg/kg	140,000	4,700	66	55	57	52	63	65	57	58	39	55	61	56	61	61	
Beryllium	mg/kg	2	2	0.42	0.38	0.38	0.39	0.42	0.37	0.39	0.37	0.31	0.35	0.4	0.38	0.45	0.45	
Cadmium	mg/kg	1,000	34	ND <0.37	ND <0.36	ND <0.35	ND <0.36	ND <0.36	ND <0.36	ND <0.35	ND <0.36	ND <0.35	ND <0.36	ND <0.37	ND <0.37	ND <0.37	ND <0.37	
Chromium	mg/kg	100	100	19	17	17	15	18	18	16	12	12	16	18	15	16	16	
Copper	mg/kg	76,000	2,500	32	34	26	29	42	31	30	32	33	42	47	31	37	37	
Lead	mg/kg	1,000	400	31	27	35	29	37	28	30	20	30	49	29	34	34	34	
Nickel	mg/kg	7,500	1,400	13	13	13	12	13	13	12	12	14	14	12	12	14	14	
Selenium	mg/kg	10,000	340	ND <3.7	ND <3.6	ND <3.5	ND <3.6	ND <3.6	ND <3.6	ND <3.5	ND <3.6	ND <3.5	ND <3.6	ND <3.7	ND <3.7	ND <3.7	ND <3.7	
Silver	mg/kg	10,000	340	0.69	0.6	0.55	0.52	0.67	0.53	0.56	0.49	2.4	2.6	2.4	2.3	2.5	2.5	
Thallium	mg/kg	160	5.4	ND <1.8	ND <1.8	ND <1.8	ND <1.8	ND <1.8	ND <1.8	ND <1.8	ND <1.7	ND <1.8	ND <1.9	ND <1.8	ND <1.9	ND <1.9	ND <1.9	
Vanadium	mg/kg	14,000	470	42	43	41	39	46	46	38	39	47	43	39	39	46	46	
Zinc	mg/kg	610,000	20,000	71	69	67	65	78	69	67	77	56	74	80	74	88	88	
<b>Metals (SW-846 7471B)</b>																		
Mercury	mg/kg	610	20	0.04	0.033	0.037	0.038	0.038	0.04	0.04	0.04	0.031	0.046	0.041	0.044	0.041	0.041	
<b>Semi-VOAs (SW-846 8270D-E)</b>																		
2-Methylnaphthalene	ug/kg	5,600	1,000,000	270,000	ND <750	ND <750	ND <750	ND <750	ND <730	ND <740	ND <750	ND <1,800	ND <930	ND <950	ND <1,900	ND <1,900	ND <1,900	
Acenaphthene	ug/kg	84,000	2,500,000	1,000,000	ND <750	ND <750	ND <750	ND <750	ND <730	ND <740	ND <750	ND <1,800	ND <930	ND <950	ND <1,900	ND <1,900	ND <1,900	
Acenaphthylene	ug/kg	84,000	2,500,000	1,000,000	ND <750	ND <750	ND <750	ND <750	ND <730	ND <740	ND <750	ND <1,800	ND <930	ND <950	ND <1,900	ND <1,900	ND <1,900	
Anthracene	ug/kg	400,000	2,500,000	1,000,000	ND <750	ND <750	ND <750	ND <750	ND <730	ND <740	ND <750	ND <1,800	ND <930	ND <950	ND <1,900	ND <1,900	ND <1,900	
Benz(a)anthracene	ug/kg	1,000	7,800	1,000	1,600	1,300	1,600	2,200	2,000	1,300	1,400	2,400	2,200	2,100	2,100	2,300	2,300	
Benz(a)pyrene	ug/kg	1,000	1,000	1,000	1,700	1,500	1,800	2,000	2,400	2,000	1,400	1,400	2,800	2,600	2,200	2,600	3,300	
Benz(b)fluoranthene	ug/kg	1,000	7,800	1,000	2,100	2,000	2,300	2,600	3,300	2,600	1,700	1,800	3,800	3,300	3,000	3,100	4,100	
Benz(g,h,i)perylene	ug/kg	1,000	78,000	8,400	810	900	870	1,000	1,200	900	890	ND <1,800	1,600	1,400	ND <1,900	2,500	2,500	
Benz(k)fluoranthene	ug/kg	1,000	78,000	8,400	790	ND <750	970	940	1,300	980	ND <740	ND <750	ND <1,800	1,300	1,000	ND <1,900	ND <1,900	
Chrysene	ug/kg	1,000	78,000	8,400	1,600	1,400	1,800	1,700	2,400	2,000	1,400	1,500	2,500	2,600	2,300	2,400	2,800	
Dibenz(a,h)anthracene	ug/kg	1,000	1,000	1,000	ND <750	ND <750	ND <750	ND <750	ND <730	ND <740	ND <750	ND <1,800	ND <930	ND <950	ND <1,900	ND <1,900	ND <1,900	
Fluoranthene	ug/kg	56,000	2,500,000	1,000,000	2,700	2,300	3,400	2,600	4,000	4,000	2,300	2,600	4,800	3,900	3,800	4,100	4,100	4,100
Fluorene	ug/kg	56,000	2,500,000	1,000,000	ND <750	ND <750	ND <750	ND <750	ND <730	ND <740	ND <750	ND <1,800	ND <930	ND <950	ND <1,900	ND <1,900	ND <1,900	
Indeno(1,2,3-cd)pyrene	ug/kg	1,000	7,800	1,000	910	1,000	940	1,200	1,300	1,400	1,100	970	2,100	2,000	1,500	ND <1,900	2,400	
Naphthalene	ug/kg	56,000	2,500,000	1,000,000	ND <750	ND <750	ND <750	ND <750	ND <730	ND <740	ND <750	ND <1,800	ND <930	ND <950	ND <1,900	ND <1,900	ND <1,900	
Phenanthrene	ug/kg	40,000	2,500,000	1,000,000	1,500	1,100	2,100	1,500	2,500	2,500	1,500	1,700	2,300	2,100	2,500	2,200	2,000	
Pyrene	ug/kg	40,000	2,500,000	1,000,000	3,600	2,900	3,800	3,500	5,100	4,800	2,800	3,300	4,600	5,100	4,800	5,300	5,300	
Total PAHs	ug/kg	-	-	-	17,310	14,400	19,580	18,640	25,700	23,480	14,400	15,560	25,400	26,700	24			

**Table 10**  
**TP-10 Soil Sample Analytical Data Summary**  
**Fairfield Aggregate Recycling Facility**  
**Richard White Way, Fairfield, CT**  
**July 2020**

Station Name	Units	GB PMC	I/C DEC	R DEC	TP-10 (30-40)(5-10)-C	TP-10 (30-40)(10-15)-C	TP-10 (30-40)(15-20)-C	TP-10 (40-50)(0-5)-C	TP-10 (40-50)(5-10)-C	TP-10 (40-50)(10-15)-C	TP-10 (40-50)(15-20)-C	TP-10 (50-60)(0-5)-C	TP-10 (50-60)(5-10)-C	TP-10 (50-60)(10-15)-C	TP-10 (50-60)(15-20)-C	TP-10 (60-70)(0-5)-C	TP-10 (60-70)(5-10)-C	TP-10 (60-70)(10-15)-C
Sample Date					6/16/2020	6/16/2020	6/16/2020	6/16/2020	6/16/2020	6/16/2020	6/16/2020	6/16/2020	6/16/2020	6/16/2020	6/16/2020	6/16/2020	6/16/2020	
Parent Sample																		
<b>Metals (SW-846 6010D)</b>																		
Antimony	mg/kg		8,200	27	ND < 1.9	ND < 1.9	ND < 1.9	ND < 1.8	ND < 1.8	ND < 1.9	ND < 1.8	ND < 1.8	ND < 1.8	ND < 1.9	ND < 1.9	ND < 1.8	ND < 1.9	
Arsenic	mg/kg		10	10	<b>4.3</b>	<b>5.7</b>	<b>4.1</b>	<b>3.8</b>	<b>4.1</b>	<b>3.8</b>	<b>3.7</b>	<b>7.5</b>	<b>ND &lt; 3.7</b>	<b>4.1</b>	<b>ND &lt; 3.8</b>	<b>6.6</b>	<b>5.8</b>	<b>5.3</b>
Barium	mg/kg		140,000	4,700	<b>58</b>	<b>61</b>	<b>60</b>	<b>56</b>	<b>51</b>	<b>48</b>	<b>50</b>	<b>57</b>	<b>58</b>	<b>110</b>	<b>53</b>	<b>65</b>	<b>63</b>	<b>55</b>
Beryllium	mg/kg		2	2	<b>0.39</b>	<b>0.4</b>	<b>0.38</b>	<b>0.37</b>	<b>0.38</b>	<b>0.36</b>	<b>0.4</b>	<b>0.39</b>	<b>0.4</b>	<b>0.45</b>	<b>0.47</b>	<b>0.42</b>	<b>0.41</b>	<b>0.4</b>
Cadmium	mg/kg		1,000	34	ND < 0.38	ND < 0.38	ND < 0.37	ND < 0.36	ND < 0.37	ND < 0.37	ND < 0.37	ND < 0.37	ND < 0.37	ND < 0.38	ND < 0.38	ND < 0.4	ND < 0.43	ND < 0.37
Chromium	mg/kg		100	100	<b>19</b>	<b>18</b>	<b>16</b>	<b>15</b>	<b>44</b>	<b>14</b>	<b>15</b>	<b>16</b>	<b>17</b>	<b>20</b>	<b>15</b>	<b>19</b>	<b>19</b>	<b>16</b>
Copper	mg/kg		76,000	2,500	<b>30</b>	<b>46</b>	<b>30</b>	<b>36</b>	<b>29</b>	<b>26</b>	<b>32</b>	<b>67</b>	<b>26</b>	<b>30</b>	<b>51</b>	<b>47</b>	<b>31</b>	
Lead	mg/kg		1,000	400	<b>25</b>	<b>32</b>	<b>30</b>	<b>34</b>	<b>26</b>	<b>28</b>	<b>47</b>	<b>30</b>	<b>40</b>	<b>37</b>	<b>42</b>	<b>28</b>		
Nickel	mg/kg		7,500	1,400	<b>12</b>	<b>13</b>	<b>12</b>	<b>15</b>	<b>11</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>15</b>	<b>13</b>	<b>13</b>	<b>13</b>		
Selenium	mg/kg		10,000	340	ND < 3.8	ND < 3.8	ND < 3.7	ND < 3.6	ND < 3.6	ND < 3.7	ND < 3.7	ND < 3.7	ND < 3.8	ND < 3.8	ND < 3.5	ND < 3.7	ND < 3.7	
Silver	mg/kg		10,000	340	<b>2.3</b>	<b>2.4</b>	<b>2.3</b>	<b>2.4</b>	<b>2.5</b>	<b>2.2</b>	<b>2.6</b>	<b>2.2</b>	<b>2.5</b>	<b>2.6</b>	<b>2.4</b>	<b>2.3</b>	<b>2.4</b>	
Thallium	mg/kg		160	5.4	ND < 1.9	ND < 1.9	ND < 1.8	ND < 1.8	ND < 1.8	ND < 1.8	ND < 1.8	ND < 1.8	ND < 1.9	ND < 1.9	ND < 1.8	ND < 1.8		
Vanadium	mg/kg		14,000	470	<b>38</b>	<b>39</b>	<b>41</b>	<b>44</b>	<b>37</b>	<b>38</b>	<b>42</b>	<b>40</b>	<b>37</b>	<b>42</b>	<b>38</b>	<b>39</b>		
Zinc	mg/kg		610,000	20,000	<b>69</b>	<b>77</b>	<b>71</b>	<b>74</b>	<b>65</b>	<b>65</b>	<b>100</b>	<b>68</b>	<b>73</b>	<b>93</b>	<b>200</b>	<b>72</b>		
<b>Metals (SW-846 7471B)</b>																		
Mercury	mg/kg		610	20	0.052	0.048	0.047	0.051	0.044	0.04	0.036	0.066	0.059	0.054	0.05	0.044	0.07	0.075
<b>Semi-VOCAs (SW-846 8270D-E)</b>																		
2-Methylnaphthalene	ug/kg	5,600	1,000,000	270,000	ND < 950	ND < 940	ND < 920	ND < 940	ND < 950	ND < 940	ND < 930	ND < 970	ND < 920	ND < 760	ND < 960			
Acenaphthene	ug/kg	84,000	2,500,000	1,000,000	ND < 950	ND < 970	ND < 940	ND < 920	ND < 940	ND < 940	ND < 940	ND < 930	ND < 970	ND < 920	ND < 960			
Acenaphthylene	ug/kg	84,000	2,500,000	1,000,000	ND < 950	ND < 970	ND < 940	ND < 920	ND < 940	ND < 940	ND < 940	ND < 930	ND < 970	ND < 920	ND < 960			
Anthracene	ug/kg	400,000	2,500,000	1,000,000	ND < 950	ND < 940	ND < 920	ND < 940	ND < 950	ND < 930	ND < 970	ND < 920	ND < 760	ND < 960				
Benz(a)anthracene	ug/kg	1,000	7,800	1,000	<b>1,200</b>	<b>1,400</b>	<b>1,700</b>	<b>2,300</b>	<b>1,800</b>	<b>1,600</b>	<b>1,100</b>	<b>3,800</b>	<b>2,800</b>	<b>1,800</b>	<b>1,600</b>	<b>2,300</b>	<b>2,300</b>	
Benz(a)pyrene	ug/kg	1,000	1,000	1,000	<b>1,300</b>	<b>1,700</b>	<b>1,900</b>	<b>2,800</b>	<b>2,500</b>	<b>1,800</b>	<b>1,300</b>	<b>4,100</b>	<b>2,800</b>	<b>1,900</b>	<b>1,800</b>	<b>2,300</b>	<b>2,200</b>	
Benz(b)fluoranthene	ug/kg	1,000	7,800	1,000	<b>1,700</b>	<b>2,000</b>	<b>3,400</b>	<b>2,900</b>	<b>2,300</b>	<b>1,700</b>	<b>5,000</b>	<b>3,900</b>	<b>2,700</b>	<b>2,300</b>	<b>3,200</b>	<b>2,800</b>	<b>2,000</b>	
Benz(g,h,i)perylene	ug/kg	1,000	78,000	8,400	ND < 950	<b>1,100</b>	<b>1,200</b>	<b>1,700</b>	<b>1,900</b>	<b>1,100</b>	<b>2,100</b>	<b>1,600</b>	<b>1,100</b>	<b>1,100</b>	<b>1,100</b>	<b>1,400</b>	ND < 960	
Benz(k)fluoranthene	ug/kg	1,000	78,000	8,400	ND < 950	ND < 940	ND < 940	ND < 940	ND < 940	ND < 950	ND < 950	ND < 970	ND < 970	ND < 970	ND < 960	ND < 960		
Chrysene	ug/kg	1,000	780,000	8,400	<b>1,400</b>	<b>1,400</b>	<b>1,700</b>	<b>2,500</b>	<b>2,000</b>	<b>1,600</b>	<b>1,200</b>	<b>4,200</b>	<b>3,100</b>	<b>1,800</b>	<b>1,700</b>	<b>2,700</b>	<b>2,300</b>	
Dibenz(a,h)anthracene	ug/kg	1,000	1,000	1,000	ND < 950	ND < 940	ND < 920	ND < 940	ND < 950	ND < 940	ND < 940	ND < 930	ND < 970	ND < 920	ND < 760	ND < 960		
Fluoranthene	ug/kg	56,000	2,500,000	1,000,000	<b>2,200</b>	<b>3,000</b>	<b>3,800</b>	<b>4,800</b>	<b>3,400</b>	<b>4,400</b>	<b>2,400</b>	<b>9,400</b>	<b>5,700</b>	<b>3,600</b>	<b>3,000</b>	<b>4,700</b>	<b>4,100</b>	
Fluorene	ug/kg	56,000	2,500,000	1,000,000	ND < 950	ND < 970	ND < 940	ND < 920	ND < 940	ND < 950	ND < 930	ND < 970	ND < 920	ND < 760	ND < 960			
Indeno(1,2,3-cd)pyrene	ug/kg	1,000	7,800	1,000	<b>1,000</b>	<b>1,300</b>	<b>1,400</b>	<b>2,200</b>	<b>1,500</b>	<b>970</b>	<b>2,600</b>	<						

Table 10  
TP-10 Soil Sample Analytical Data Summary  
Fairfield Aggregate Recycling Facility  
Richard White Way, Fairfield, CT  
July 2020

Station Name	Units	GB PMC	I/C DEC	R DEC	TP-10 (60-70)(15-20)-C	TP-10 (70-80)(0-5)-C	TP-10 (70-80)(5-10)-C	TP-10 (70-80)(10-15)-C	TP-10 (70-80)(15-20)-C	TP-10 (80-90)(0-5)-C	TP-10 (80-90)(5-10)-C	TP-10 (80-90)(10-15)-C	TP-10 (80-90)(15-20)-C	TP-10 (90-100)(0-5)-C	TP-10 (90-100)(5-10)-C	TP-10 (90-100)(10-15)-C	TP-10 (90-100)(15-20)-C	DUP-17-C	DUP-18-C
Sample Date					6/16/2020	6/16/2020	6/16/2020	6/16/2020	6/16/2020	6/16/2020	6/16/2020	6/16/2020	6/16/2020	6/16/2020	6/16/2020	6/16/2020	6/15/2020	6/16/2020	
Parent Sample																	TP-10 (0-10)(0-5)	TP-10 (50-60)(10-15)	
<b>Metals (SW-846 6010D)</b>																			
Antimony	mg/kg	8,200	27	ND <1.9	ND <1.8	ND <1.8	ND <1.8	ND <1.9	ND <1.8	ND <1.8	ND <1.8	ND <1.8	ND <1.8	ND <1.9	ND <1.8	ND <1.8	ND <1.8	ND <1.9	
Arsenic	mg/kg	10	10	<b>6.9</b>	<b>8.7</b>	<b>3.9</b>	<b>4.4</b>	ND <3.9	<b>3.8</b>	<b>4.3</b>	<b>4.4</b>	<b>3.9</b>	ND <3.7	<b>5.3</b>	ND <3.7	<b>4.2</b>	<b>3.7</b>	<b>4.3</b>	
Barium	mg/kg	140,000	4,700	<b>51</b>	<b>73</b>	<b>56</b>	<b>56</b>	<b>47</b>	<b>66</b>	<b>61</b>	<b>62</b>	<b>57</b>	<b>54</b>	<b>60</b>	<b>60</b>	<b>63</b>	<b>58</b>		
Beryllium	mg/kg	2	2	<b>0.21</b>	<b>0.41</b>	<b>0.44</b>	<b>0.37</b>	<b>0.34</b>	<b>0.39</b>	<b>0.4</b>	<b>0.38</b>	<b>0.41</b>	<b>0.33</b>	<b>0.39</b>	<b>0.43</b>	<b>0.4</b>	<b>0.39</b>		
Cadmium	mg/kg	1,000	34	ND <0.38	<b>0.56</b>	ND <0.37	ND <0.36	ND <0.39	ND <0.37	ND <0.36	ND <0.37	ND <0.38	ND <0.37	ND <0.36	ND <0.37	ND <0.36	ND <0.37		
Chromium	mg/kg	100	100	<b>19</b>	<b>19</b>	<b>17</b>	<b>16</b>	<b>18</b>	<b>17</b>	<b>17</b>	<b>17</b>	<b>17</b>	<b>17</b>	<b>18</b>	<b>21</b>	<b>25</b>	<b>18</b>		
Copper	mg/kg	76,000	2,500	<b>37</b>	<b>76</b>	<b>28</b>	<b>31</b>	<b>40</b>	<b>34</b>	<b>33</b>	<b>37</b>	<b>34</b>	<b>42</b>	<b>47</b>	<b>29</b>	<b>38</b>	<b>32</b>		
Lead	mg/kg	1,000	400	<b>29</b>	<b>39</b>	<b>28</b>	<b>31</b>	<b>39</b>	<b>28</b>	<b>31</b>	<b>29</b>	<b>37</b>	<b>47</b>	<b>29</b>	<b>27</b>	<b>41</b>	<b>34</b>		
Nickel	mg/kg	7,500	1,400	<b>13</b>	<b>14</b>	<b>12</b>	<b>11</b>	<b>13</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>14</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>13</b>	<b>12</b>		
Selenium	mg/kg	10,000	340	ND <3.8	ND <3.6	ND <3.7	ND <3.6	ND <3.9	ND <3.7	ND <3.6	ND <3.7	ND <3.8	ND <3.7	ND <3.6	ND <3.7	ND <3.6	ND <3.7		
Silver	mg/kg	10,000	340	<b>2.9</b>	<b>0.53</b>	<b>0.43</b>	<b>0.36</b>	<b>41</b>	<b>0.6</b>	<b>0.4</b>	<b>0.4</b>	<b>0.51</b>	<b>0.39</b>	<b>0.47</b>	<b>0.41</b>	<b>15</b>	<b>0.85</b>	<b>2.1</b>	
Thallium	mg/kg	160	5.4	ND <1.9	ND <1.8	ND <1.8	ND <1.9	ND <1.8	ND <1.8	ND <1.9	ND <1.9	ND <1.8	ND <1.8	ND <1.8	ND <1.9	ND <1.8			
Vanadium	mg/kg	14,000	470	<b>34</b>	<b>44</b>	<b>40</b>	<b>38</b>	<b>34</b>	<b>47</b>	<b>41</b>	<b>46</b>	<b>39</b>	<b>48</b>	<b>41</b>	<b>45</b>	<b>40</b>	<b>43</b>		
Zinc	mg/kg	610,000	20,000	<b>63</b>	<b>120</b>	<b>72</b>	<b>110</b>	<b>100</b>	<b>72</b>	<b>75</b>	<b>84</b>	<b>130</b>	<b>89</b>	<b>85</b>	<b>70</b>	<b>74</b>	<b>73</b>		
<b>Metals (SW-846 7471B)</b>																			
Mercury	mg/kg	610	20	<b>0.067</b>	<b>0.055</b>	<b>0.059</b>	<b>0.05</b>	<b>0.074</b>	<b>0.044</b>	<b>0.091</b>	<b>0.055</b>	<b>0.06</b>	<b>0.038</b>	<b>0.044</b>	<b>0.045</b>	<b>0.046</b>	<b>0.036</b>	<b>0.051</b>	
<b>Semi-VOCs (SW-846 8270D-E)</b>																			
2-Methylnaphthalene	ug/kg	5,600	1,000,000	270,000	ND <960	ND <930	ND <970	ND <790	ND <930	ND <950	ND <990	ND <950	ND <910	ND <930	ND <940	ND <750	ND <940		
Acenaphthene	ug/kg	84,000	2,500,000	1,000,000	ND <960	ND <930	ND <970	ND <930	ND <930	ND <950	ND <990	ND <950	ND <910	ND <930	ND <940	ND <750	ND <940		
Acenaphthylene	ug/kg	84,000	2,500,000	1,000,000	ND <960	ND <930	ND <970	ND <930	ND <930	ND <950	ND <990	ND <950	ND <910	ND <930	ND <940	ND <750	ND <940		
Anthracene	ug/kg	400,000	2,500,000	1,000,000	ND <960	ND <930	ND <970	ND <930	ND <930	ND <950	ND <990	ND <950	ND <910	ND <930	ND <940	1,200	ND <940		
Benz(a)anthracene	ug/kg	1,000	7,800	<b>1,700</b>	<b>1,900</b>	<b>2,200</b>	<b>2,200</b>	<b>2,500</b>	<b>2,300</b>	<b>2,400</b>	<b>4,000</b>	<b>1,600</b>	<b>2,500</b>	<b>2,400</b>	<b>4,800</b>	<b>1,900</b>			
Benz(a)pyrene	ug/kg	1,000	1,000	<b>1,000</b>	<b>1,800</b>	<b>2,300</b>	<b>1,600</b>	<b>2,400</b>	<b>2,200</b>	<b>2,500</b>	<b>2,700</b>	<b>3,700</b>	<b>2,000</b>	<b>2,800</b>	<b>2,500</b>	<b>4,500</b>	<b>2,100</b>		
Benz(b)fluoranthene	ug/kg	1,000	7,800	<b>1,000</b>	<b>2,300</b>	<b>3,000</b>	<b>1,900</b>	<b>3,300</b>	<b>3,100</b>	<b>3,200</b>	<b>3,800</b>	<b>5,600</b>	<b>2,400</b>	<b>3,400</b>	<b>3,500</b>	<b>5,700</b>	<b>2,900</b>		
Benz(g,h,i)perylene	ug/kg	1,000	78,000	<b>8,400</b>	<b>960</b>	<b>1,900</b>	<b>1,200</b>	<b>1,300</b>	<b>1,700</b>	<b>1,300</b>	<b>1,400</b>	<b>2,300</b>	<b>2,000</b>	<b>1,700</b>	<b>1,900</b>	<b>1,400</b>	<b>1,600</b>		
Benz(k)fluoranthene	ug/kg	1,000	78,000	<b>8,400</b>	<b>1,100</b>	ND <930	<b>1,200</b>	<b>1,400</b>	<b>1,200</b>	<b>1,200</b>	<b>1,200</b>	<b>2,100</b>	ND <950	<b>1,300</b>	<b>1,400</b>	<b>2,400</b>	1,000		
Chrysene	ug/kg	1,000	78,000	<b>8,400</b>	<b>1,800</b>	<b>2,200</b>	<b>1,500</b>	<b>2,600</b>	<b>2,800</b>	<b>2,500</b>	<b>3,000</b>	<b>4,300</b>	<b>1,800</b>	<b>2,700</b>	<b>2,800</b>	<b>4,500</b>	<b>2,200</b>		
Dibenz(a,h)anthracene	ug/kg	1,000	1,000	ND <960	ND <930	ND <930	ND <970	ND <790	ND <930	ND <930	ND <950	ND <990	ND <950	ND <910	ND <930	ND <940	ND <750		
Fluoranthene																			

Table 11  
TP-11 Soil Sample Analytical Results Summary  
Fairfield Aggregate Recycling Facility  
Richard Wright Way, Fairfield, CT  
July 2020

Station Name	Units	GB PMC	I/C DEC	R DEC	TP-11 (0-10)(0-5)-C	TP-11 (0-10)(5-10)-C	TP-11 (0-10)(10-15)-C	TP-11 (0-10)(15-20)-C	TP-11 (10-20ft)(0-5ft)-C	TP-11 (10-20ft)(5-10ft)-C	TP-11 (10-20ft)(10-15ft)-C	TP-11 (10-20ft)(15-20ft)-C	TP-11 (20-30ft)(0-5ft)-C	TP-11 (20-30ft)(5-10ft)-C	TP-11 (20-30ft)(10-15ft)-C	TP-11 (20-30ft)(15-20ft)-C	TP-11 (30-40ft)(0-5ft)-C	TP-11 (30-40ft)(5-10ft)-C
Sample Date					6/16/2020	6/16/2020	6/16/2020	6/16/2020	6/16/2020	6/16/2020	6/16/2020	6/16/2020	6/16/2020	6/16/2020	6/16/2020	6/17/2020	6/17/2020	
Parent Sample																		
<b>Metals (SW-846 6010D)</b>																		
Antimony	mg/kg	8,200	27		ND <1.9	ND <1.9	ND <1.8	ND <1.8	ND <1.8	ND <1.8	ND <1.9	ND <1.8	ND <1.8	ND <1.8	ND <1.8	ND <1.8	ND <1.8	
Arsenic	mg/kg	10	10		ND <3.8	<b>3.9</b>	<b>3.9</b>	ND <3.6	ND <3.6	ND <3.7	ND <3.6	ND <3.6	ND <3.6	ND <3.7	ND <3.7	<b>5.5</b>	ND <3.6	
Barium	mg/kg	140,000	4,700		<b>46</b>	<b>41</b>	<b>39</b>	<b>32</b>	<b>55</b>	<b>38</b>	<b>39</b>	<b>44</b>	<b>62</b>	<b>41</b>	<b>46</b>	<b>47</b>	<b>42</b>	
Beryllium	mg/kg	2	2		<b>0.38</b>	<b>0.38</b>	<b>0.34</b>	<b>0.3</b>	<b>0.35</b>	<b>0.3</b>	<b>0.36</b>	<b>0.38</b>	<b>0.39</b>	<b>0.42</b>	<b>0.38</b>	<b>0.4</b>	<b>0.38</b>	
Cadmium	mg/kg	1,000	34		ND <0.38	ND <0.37	ND <0.37	ND <0.36	ND <0.36	ND <0.37	ND <0.36	ND <0.36	ND <0.37	ND <0.37	ND <0.37	ND <0.36	ND <0.36	
Chromium	mg/kg	100	100		<b>15</b>	<b>15</b>	<b>13</b>	<b>10</b>	<b>14</b>	<b>10</b>	<b>13</b>	<b>13</b>	<b>16</b>	<b>12</b>	<b>14</b>	<b>16</b>	<b>13</b>	
Copper	mg/kg	76,000	2,500		<b>87</b>	<b>29</b>	<b>22</b>	<b>23</b>	<b>27</b>	<b>34</b>	<b>30</b>	<b>27</b>	<b>28</b>	<b>30</b>	<b>26</b>	<b>25</b>	<b>30</b>	
Lead	mg/kg	1,000	400		<b>47</b>	<b>65</b>	<b>24</b>	<b>15</b>	<b>33</b>	<b>26</b>	<b>29</b>	<b>31</b>	<b>27</b>	<b>29</b>	<b>28</b>	<b>32</b>	<b>30</b>	
Nickel	mg/kg	7,500	1,400		<b>12</b>	<b>11</b>	<b>11</b>	<b>9.9</b>	<b>12</b>	<b>10</b>	<b>12</b>	<b>11</b>	<b>13</b>	<b>11</b>	<b>14</b>	<b>12</b>	<b>11</b>	
Selenium	mg/kg	10,000	340		ND <3.8	ND <3.7	ND <3.7	ND <3.6	ND <3.6	ND <3.7	ND <3.7	ND <3.6	ND <3.6	ND <3.7	ND <3.7	ND <3.6	ND <3.6	
Silver	mg/kg	10,000	340		<b>2.1</b>	<b>2.1</b>	<b>1.9</b>	<b>1.7</b>	<b>0.53</b>	<b>0.68</b>	<b>0.67</b>	<b>0.53</b>	<b>0.6</b>	<b>0.62</b>	<b>0.53</b>	<b>0.48</b>	<b>0.49</b>	
Thallium	mg/kg	160	5.4		ND <1.9	ND <1.9	ND <1.8	ND <1.8	ND <1.8	ND <1.9	ND <1.8	ND <1.9	ND <1.8	ND <1.9	ND <1.8	ND <1.8		
Vanadium	mg/kg	14,000	470		<b>33</b>	<b>33</b>	<b>38</b>	<b>41</b>	<b>38</b>	<b>47</b>	<b>50</b>	<b>41</b>	<b>52</b>	<b>41</b>	<b>45</b>	<b>39</b>	<b>42</b>	
Zinc	mg/kg	610,000	20,000		<b>170</b>	<b>160</b>	<b>70</b>	<b>43</b>	<b>68</b>	<b>60</b>	<b>49</b>	<b>52</b>	<b>49</b>	<b>45</b>	<b>58</b>	<b>49</b>	<b>50</b>	
<b>Metals (SW-846 7471B)</b>																		
Mercury	mg/kg	610	20		<b>0.054</b>	<b>0.049</b>	ND <0.027	ND <0.028	ND <0.028	ND <0.027	ND <0.028	ND <0.028	ND <0.028	ND <0.028	<b>0.032</b>	<b>0.042</b>	ND <0.028	
<b>Semi-VOAs (SW-846 8270D-E)</b>																		
2-Methylnaphthalene	ug/kg	5,600	1,000,000	270,000	ND <770	ND <950	ND <920	ND <930	ND <740	ND <2,700	ND <950	ND <740	ND <710	ND <750	ND <370	ND <740	ND <900	ND <750
Acenaphthene	ug/kg	84,000	2,500,000	1,000,000	ND <770	ND <950	ND <920	ND <930	ND <740	ND <2,700	ND <950	ND <740	ND <710	ND <750	ND <370	ND <740	ND <900	ND <750
Acenaphthyrene	ug/kg	84,000	2,500,000	1,000,000	ND <770	ND <950	ND <920	ND <930	ND <740	ND <2,700	ND <950	ND <740	ND <710	ND <750	<b>540</b>	ND <740	ND <900	ND <750
Anthracene	ug/kg	400,000	2,500,000	1,000,000	ND <770	ND <950	ND <920	ND <930	ND <740	ND <2,700	ND <950	ND <740	ND <710	ND <750	<b>420</b>	ND <740	ND <900	<b>940</b>
Benz(a)anthracene	ug/kg	1,000	7,800	1,000	<b>3,200</b>	<b>2,100</b>	<b>1,000</b>	<b>3,600</b>	<b>1,300</b>	<b>1,400</b>	<b>1,700</b>	<b>1,500</b>	<b>2,600</b>	<b>2,900</b>	<b>2,600</b>	<b>4,100</b>	<b>4,200</b>	
Benz(a)pyrene	ug/kg	1,000	1,000	1,000	<b>3,000</b>	<b>2,400</b>	<b>1,200</b>	<b>4,000</b>	<b>1,300</b>	<b>2,700</b>	<b>1,600</b>	<b>1,900</b>	<b>1,500</b>	<b>2,800</b>	<b>3,000</b>	<b>2,900</b>	<b>4,400</b>	
Benz(b)fluoranthene	ug/kg	1,000	7,800	1,000	<b>4,600</b>	<b>2,900</b>	<b>1,700</b>	<b>5,500</b>	<b>1,800</b>	<b>2,800</b>	<b>2,100</b>	<b>2,400</b>	<b>1,900</b>	<b>3,700</b>	<b>3,900</b>	<b>5,400</b>		
Benz(g,h)perylene	ug/kg	1,000	78,000	8,400	<b>1,600</b>	<b>1,700</b>	ND <920	<b>2,400</b>	<b>930</b>	ND <2,700	<b>1,400</b>	<b>1,500</b>	<b>1,200</b>	<b>2,000</b>	<b>2,500</b>	<b>1,900</b>	<b>3,300</b>	
Benz(k)fluoranthene	ug/kg	1,000	78,000	8,400	<b>2,000</b>	<b>1,200</b>	ND <920	<b>2,200</b>	ND <740	ND <2,700	<b>920</b>	ND <710	<b>1,300</b>	<b>1,500</b>	<b>1,400</b>	<b>2,100</b>		
Chrysene	ug/kg	1,000	78,000	8,400	<b>3,600</b>	<b>2,500</b>	<b>1,200</b>	<b>4,600</b>	<b>1,400</b>	ND <2,700	<b>1,700</b>	<b>1,900</b>	<b>1,500</b>	<b>3,000</b>	<b>3,100</b>	<b>4,800</b>	<b>4,700</b>	
Dibenz(a,h)anthracene	ug/kg	1,000	1,000	1,000	ND <770	ND <920	ND <930	ND <740	ND <2,700	ND <950	ND <740	ND <710	ND <750	<b>590</b>	ND <740	ND <900	ND <750	
Fluoranthene	ug/kg	56,000	2,500,000	1,000,000	<b>5,700</b>	<b>3,900</b>	<b>2,100</b>	<b>8,100</b>	<b>3,000</b>	<b>3,900</b>	<b>3,100</b>	<b>3,200</b>	<b>2,900</b>	<b>4,600</b>	<b>4,900</b>	<b>8,500</b>	<b></b>	

Table 11  
TP-11 Soil Sample Analytical Results Summary  
Fairfield Aggregate Recycling Facility  
Richard Wright Way, Fairfield, CT  
July 2020

Station Name	Units	GB PMC	I/C DEC	R DEC	TP-11 (30-40ft)(10-15ft)-C	TP-11 (30-40ft)(15-20ft)-C	TP-11 (40-50ft)(0-5ft)-C	TP-11 (40-50ft)(5-10ft)-C	TP-11 (40-50ft)(10-15ft)-C	TP-11 (40-50ft)(15-20ft)-C	TP-11 (50-60ft)(0-5ft)-C	TP-11 (50-60ft)(5-10ft)-C	TP-11 (50-60ft)(10-15ft)-C	TP-11 (50-60ft)(15-20ft)-C	TP-11 (60-70ft)(0-5ft)-C	TP-11 (60-70ft)(5-10ft)-C	TP-11 (60-70ft)(10-15ft)-C	TP-11 (60-70ft)(15-20ft)-C
Sample Date					6/17/2020	6/17/2020	6/17/2020	6/17/2020	6/17/2020	6/17/2020	6/17/2020	6/17/2020	6/17/2020	6/17/2020	6/17/2020	6/17/2020	6/17/2020	
Parent Sample																		
<b>Metals (SW-846 6010D)</b>																		
Antimony	mg/kg	8,200	27		ND <1.8	ND <1.9	ND <1.8	ND <1.9	ND <2.0	ND <1.8	ND <1.8	ND <1.9	ND <1.8	ND <1.8	ND <1.8	ND <1.9	ND <1.8	ND <1.9
Arsenic	mg/kg	10	10		<b>3.8</b>	<b>4.1</b>	ND <3.7	<b>3.8</b>	<b>6</b>	<b>4.2</b>	ND <3.7	ND <3.8	<b>3.7</b>	<b>4.2</b>	<b>5.6</b>	<b>3.8</b>	<b>3.8</b>	<b>3.8</b>
Barium	mg/kg	140,000	4,700		<b>46</b>	<b>47</b>	<b>39</b>	<b>36</b>	<b>47</b>	<b>57</b>	<b>49</b>	<b>27</b>	<b>39</b>	<b>40</b>	<b>59</b>	<b>49</b>	<b>47</b>	<b>44</b>
Beryllium	mg/kg	2	2		<b>0.42</b>	<b>0.53</b>	<b>0.38</b>	<b>0.31</b>	<b>0.53</b>	<b>0.6</b>	<b>0.53</b>	<b>0.31</b>	<b>0.4</b>	<b>0.44</b>	<b>0.59</b>	<b>0.41</b>	<b>0.48</b>	<b>0.52</b>
Cadmium	mg/kg	1,000	34		ND <0.37	ND <0.38	ND <0.37	ND <0.37	ND <0.38	ND <0.39	ND <0.37	ND <0.37	ND <0.38	ND <0.37	ND <0.37	ND <0.38	ND <0.37	ND <0.38
Chromium	mg/kg	100	100		<b>16</b>	<b>16</b>	<b>15</b>	<b>12</b>	<b>15</b>	<b>19</b>	<b>15</b>	<b>12</b>	<b>14</b>	<b>14</b>	<b>16</b>	<b>13</b>	<b>16</b>	<b>16</b>
Copper	mg/kg	76,000	2,500		<b>27</b>	<b>22</b>	<b>27</b>	<b>20</b>	<b>23</b>	<b>26</b>	<b>18</b>	<b>20</b>	<b>28</b>	<b>34</b>	<b>46</b>	<b>25</b>	<b>28</b>	<b>21</b>
Lead	mg/kg	1,000	400		<b>36</b>	<b>42</b>	<b>36</b>	<b>45</b>	<b>40</b>	<b>31</b>	<b>20</b>	<b>28</b>	<b>34</b>	<b>71</b>	<b>50</b>	<b>44</b>	<b>50</b>	<b>44</b>
Nickel	mg/kg	7,500	1,400		<b>12</b>	<b>13</b>	<b>11</b>	<b>8.8</b>	<b>11</b>	<b>14</b>	<b>12</b>	<b>8</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>11</b>	<b>12</b>	<b>11</b>
Selenium	mg/kg	10,000	340		ND <3.7	ND <3.8	ND <3.7	ND <3.7	ND <3.8	ND <3.9	ND <3.7	ND <3.7	ND <3.8	ND <3.7	ND <3.7	ND <3.8	ND <3.7	ND <3.8
Silver	mg/kg	10,000	340		<b>0.58</b>	<b>0.62</b>	<b>0.66</b>	<b>4.3</b>	<b>0.71</b>	<b>0.51</b>	<b>0.55</b>	<b>0.62</b>	<b>0.6</b>	<b>0.58</b>	<b>1</b>	<b>0.72</b>	<b>0.76</b>	<b>0.65</b>
Thallium	mg/kg	160	5.4		ND <1.8	ND <1.9	ND <1.8	ND <1.9	ND <2.0	ND <1.8	ND <1.8	ND <1.8	ND <1.8	ND <1.8	ND <1.8	ND <1.8	ND <1.8	ND <1.9
Vanadium	mg/kg	14,000	470		<b>36</b>	<b>28</b>	<b>33</b>	<b>22</b>	<b>27</b>	<b>30</b>	<b>16</b>	<b>21</b>	<b>23</b>	<b>28</b>	<b>22</b>	<b>25</b>	<b>26</b>	<b>25</b>
Zinc	mg/kg	610,000	20,000		<b>56</b>	<b>55</b>	<b>56</b>	<b>41</b>	<b>58</b>	<b>62</b>	<b>57</b>	<b>46</b>	<b>49</b>	<b>52</b>	<b>65</b>	<b>55</b>	<b>60</b>	<b>57</b>
<b>Metals (SW-846 7471B)</b>																		
Mercury	mg/kg	610	20		0.038	0.043	0.053	0.042	0.046	0.059	0.05	0.03	0.036	0.04	0.064	0.081	0.057	0.046
<b>Semi-VOAs (SW-846 8270D-E)</b>																		
2-Methylnaphthalene	ug/kg	5,600	1,000,000	270,000	ND <760	ND <390	ND <740	ND <380	ND <390	ND <370	ND <370	ND <370	ND <370	ND <930	ND <990	ND <940	ND <1,000	
Acenaphthene	ug/kg	84,000	2,500,000	1,000,000	ND <760	ND <390	ND <740	ND <380	ND <390	ND <370	ND <370	ND <370	ND <370	ND <930	ND <990	ND <940	ND <1,000	
Acenaphthyrene	ug/kg	84,000	2,500,000	1,000,000	ND <760	ND <390	ND <740	ND <380	ND <390	ND <370	ND <370	ND <370	ND <370	ND <930	ND <990	ND <940	ND <1,000	
Anthracene	ug/kg	400,000	2,500,000	1,000,000	ND <760	<b>460</b>	ND <740	<b>550</b>	<b>400</b>	<b>400</b>	<b>580</b>	ND <370	ND <370	ND <930	ND <990	ND <940	<b>1,100</b>	
Benz(a)anthracene	ug/kg	1,000	7,800	1,000	<b>2,400</b>	<b>1,700</b>	<b>2,300</b>	<b>2,000</b>	<b>1,500</b>	<b>1,900</b>	<b>3,800</b>	<b>460</b>	<b>1,200</b>	<b>1,200</b>	<b>1,100</b>	<b>1,500</b>	<b>2,900</b>	<b>4,400</b>
Benz(a)pyrene	ug/kg	1,000	1,000	1,000	<b>2,500</b>	<b>1,600</b>	<b>2,300</b>	<b>1,800</b>	<b>1,500</b>	<b>1,800</b>	<b>3,900</b>	<b>460</b>	<b>1,200</b>	<b>1,200</b>	<b>1,200</b>	<b>1,500</b>	<b>2,700</b>	<b>3,900</b>
Benz(b)fluoranthene	ug/kg	1,000	7,800	1,000	<b>3,300</b>	<b>2,000</b>	<b>3,200</b>	<b>2,500</b>	<b>1,900</b>	<b>2,200</b>	<b>4,900</b>	<b>600</b>	<b>1,600</b>	<b>1,600</b>	<b>1,500</b>	<b>2,100</b>	<b>3,600</b>	<b>5,200</b>
Benz(g,h)perylene	ug/kg	1,000	78,000	8,400	<b>1,300</b>	<b>880</b>	<b>1,500</b>	<b>1,100</b>	<b>880</b>	<b>970</b>	<b>2,000</b>	<b>400</b>	<b>560</b>	<b>670</b>	<b>670</b>	<b>990</b>	<b>1,700</b>	<b>2,200</b>
Benz(k)fluoranthene	ug/kg	1,000	78,000	8,400	<b>1,300</b>	<b>890</b>	<b>1,100</b>	<b>1,00</b>	<b>770</b>	<b>910</b>	<b>1,900</b>	ND <370	<b>620</b>	<b>670</b>	<b>670</b>	<b>990</b>	<b>1,400</b>	<b>1,800</b>
Chrysene	ug/kg	1,000	78,000	8,400	<b>2,600</b>	<b>1,800</b>	<b>2,200</b>	<b>1,600</b>	<b>2,000</b>	<b>1,600</b>	<b>3,900</b>	<b>520</b>	<b>1,400</b>	<b>1,300</b>	<b>1,200</b>	<b>1,500</b>	<b>2,800</b>	<b>4,100</b>
Dibenz(a,h)anthracene	ug/kg	1,000	1,000	1,000	ND <760	ND <390	ND <740	ND <380	ND <390	ND <390	ND <390	<b>480</b>	ND <370	ND <370	ND <370	ND <930	ND <990	ND <940
Fluoranthene	ug/kg	56,000	2,500,000	1,000,000	<b>4,400</b>	<b>3,200</b>	<b>4,400</b>	<b>3,200</b>	<b>4,500</b>	<b>3,200</b>	<b>5,800</b>	<b>840</b>	<b>2,400</b>	<b>2,300</b>	<b>2,200</b>	<b>3,400</b>	<b>6,200</b>	<b>9,300</b>
Fluorene	ug/kg	56,000	2,500,000	1,000,000	ND &													

Table 11  
TP-11 Soil Sample Analytical Results Summary  
Fairfield Aggregate Recycling Facility  
Richard Wright Way, Fairfield, CT  
July 2020

Station Name	Units	GB PMC	I/C DEC	R DEC	TP-11 (70-80ft)(0-5ft)-C	TP-11 (70-80ft)(5-10ft)-C	TP-11 (70-80ft)(10-15ft)-C	TP-11 (70-80ft)(15-20ft)-C	TP-11 (80-90ft)(0-5ft)-C	TP-11 (80-90ft)(5-10ft)-C	TP-11 (80-90ft)(10-15ft)-C	TP-11 (80-90ft)(15-20ft)-C	TP-11 (90-100ft)(0-5ft)-C	TP-11 (90-100ft)(5-10ft)-C	TP-11 (90-100ft)(10-15ft)-C	TP-11 (90-100ft)(15-20ft)-C	DUP-19-C	DUP-20-C
Sample Date					6/17/2020	6/17/2020	6/17/2020	6/17/2020	6/17/2020	6/17/2020	6/17/2020	6/17/2020	6/17/2020	6/17/2020	6/17/2020	6/17/2020	6/17/2020	
Parent Sample																TP-11 (30-40) (0-5)	TP-11 (80-90) (0-5)	
<b>Metals (SW-846 6010D)</b>																		
Antimony	mg/kg	8,200	27	ND <1.8	ND <1.9	ND <1.8	ND <1.9	ND <1.8	ND <1.8	ND <1.9	ND <1.8	ND <1.8	ND <1.9	ND <1.9	ND <1.9	ND <1.8	ND <1.8	
Arsenic	mg/kg	10	10	4	ND <3.7	4.4	ND <3.7	6.1	ND <3.7	5.6	4	5.6	3.7	ND <3.8	4.8	ND <3.6	6.1	
Barium	mg/kg	140,000	4,700	56	50	48	63	45	97	69	60	55	49	66	44	61		
Beryllium	mg/kg	2	2	0.51	0.52	0.49	0.51	0.55	0.5	0.65	0.54	0.48	0.46	0.54	0.52	0.39	0.53	
Cadmium	mg/kg	1,000	34	ND <0.36	ND <0.37	ND <0.37	ND <0.37	ND <0.37	ND <0.38	ND <0.37	ND <0.38	ND <0.37	ND <0.38	ND <0.38	ND <0.36	ND <0.35		
Chromium	mg/kg	100	100	17	16	17	18	11	25	20	18	16	20	14	17			
Copper	mg/kg	76,000	2,500	28	27	28	35	31	25	37	26	24	27	24	31	31		
Lead	mg/kg	1,000	400	54	39	50	46	51	23	29	25	33	35	30	46			
Nickel	mg/kg	7,500	1,400	12	13	12	12	9.7	17	14	12	12	14	12	12	12		
Selenium	mg/kg	10,000	340	ND <3.6	ND <3.7	ND <3.7	ND <3.7	ND <3.7	ND <3.8	ND <3.7	ND <3.8	ND <3.7	ND <3.8	ND <3.8	ND <3.6	ND <3.5		
Silver	mg/kg	10,000	340	0.96	0.76	0.79	0.78	1	0.56	0.75	0.73	0.98	0.81	0.71	0.75	0.53	0.86	
Thallium	mg/kg	160	5.4	ND <1.8	ND <1.9	ND <1.8	ND <1.9	ND <1.8	ND <1.9	ND <1.8	ND <1.9	ND <1.8	ND <1.9	ND <1.8	ND <1.8	ND <1.8		
Vanadium	mg/kg	14,000	470	30	28	29	29	23	46	39	29	34	33	36	41	28		
Zinc	mg/kg	610,000	20,000	74	68	69	61	100	47	88	54	84	64	62	55	47		
<b>Metals (SW-846 7471B)</b>																		
Mercury	mg/kg	610	20	0.07	0.086	0.083	0.089	0.073	ND <0.028	0.052	0.034	0.12	0.061	0.083	0.049	0.03	0.077	
<b>Semi-VOAs (SW-846 8270D-E)</b>																		
2-Methylnaphthalene	ug/kg	5,600	1,000,000	270,000	ND <940	ND <950	ND <2,000	ND <970	ND <940	ND <1,800	ND <960	ND <950	ND <980	ND <980	ND <740	ND <760		
Acenaphthene	ug/kg	84,000	2,500,000	1,000,000	ND <940	ND <950	ND <2,000	ND <970	ND <940	ND <1,800	ND <960	ND <950	ND <980	ND <980	ND <740	ND <760		
Acenaphthyrene	ug/kg	84,000	2,500,000	1,000,000	ND <940	ND <950	ND <2,000	1,400	ND <940	ND <1,800	ND <960	1,000	ND <950	ND <980	ND <980	ND <740	ND <760	
Anthracene	ug/kg	400,000	2,500,000	1,000,000	ND <940	1,400	2,500	2,100	ND <940	ND <1,800	ND <960	2,800	ND <950	ND <980	770	ND <760		
Benz(a)anthracene	ug/kg	1,000	7,800	1,000	1,600	4,100	8,500	5,000	2,500	3,000	2,400	6,400	3,000	1,400	2,000	1,100	3,800	
Benz(a)pyrene	ug/kg	1,000	1,000	1,000	1,700	3,800	7,900	4,600	2,500	3,200	2,300	5,200	2,800	1,500	2,000	1,100	4,000	
Benz(b)fluoranthene	ug/kg	1,000	7,800	1,000	2,200	4,900	9,900	5,800	3,100	3,900	2,900	6,300	3,800	2,000	2,500	1,400	5,100	
Benz(g,h)perylene	ug/kg	1,000	78,000	8,400	1,000	2,100	4,300	2,600	1,400	2,100	1,100	1,900	1,300	ND <950	ND <980	ND <980	1,000	
Benz(k)fluoranthene	ug/kg	1,000	78,000	8,400	ND <940	1,800	3,900	2,000	1,100	ND <1,800	1,000	2,600	1,400	ND <950	ND <980	ND <980	1,200	
Chrysene	ug/kg	1,000	78,000	8,400	1,700	3,800	8,500	5,300	2,500	3,400	2,400	5,600	3,000	1,600	2,000	1,200	4,200	
Dibenz(a,h)anthracene	ug/kg	1,000	1,000	1,000	ND <940	ND <2,000	ND <970	ND <940	ND <1,800	ND <960	ND <960	ND <950	ND <950	ND <980	ND <980	ND <740	ND <760	
Fluoranthene	ug/kg	56,000	2,500,000	1,000,000	3,700	10,000	19,000	12,000	5,800	5,200	14,000	7,100	3,000	3,900	2,000	7,900	5,400	
Fluorene	ug/kg	56,000	2,500,000	1,000,000	ND <940	ND <950	2,100	1,900	ND <940	ND <1,800	ND <960	1,600	ND <950	ND <980	ND <980	ND <740	ND <760	
Indeno[1,2,3-cd]pyrene	ug/kg	1,000	7,800	1,000	1,100	2,500	5,000	2,900	1,600	2,300	1,300	2,500	1,600	ND <950	1,100	ND <980	3,200	
Naphthalene	ug/kg	56,000	2,500,000	1,000,000	ND <940	ND <950	ND <2,000	ND <970	ND <940	ND <1,800	ND <960	ND <950	ND <980	ND <980	ND <740	ND <760		
Phenanthrene	ug/kg	40,000	2,500,000	1,000,000	1,900	5,600	13,000	11,000	4,300	3,400	3,200	11,000	4,500	1,600	1,900	1,500	3,100	
Pyrene	ug/kg	40,000	2,500,000	1,000,000	3,600	9,600	17,000	13,000	6,300									

Table 12  
TP-12 Soil Sample Analytical Data Summary  
Fairfield Aggregate Recycling Facility  
Richard Wright Way, Fairfield, CT  
July 2020

Station Name	Units	GB PMC	I/C DEC	R DEC	TP-12 (0-10ft)(0-5ft)-C	TP-12 (0-10ft)(5-10ft)-C	TP-12 (0-10ft)(10-15ft)-C	TP-12 (0-10ft)(15-20ft)-C	TP-12 (0-20ft)(0-5ft)-C	TP-12 (10-20ft)(5-10ft)-C	TP-12 (10-20ft)(10-15ft)-C	TP-12 (10-20ft)(15-20ft)-C	TP-12 (20-30ft)(0-5ft)	TP-12 (20-30ft)(5-10ft)	TP-12 (20-30ft)(10-15ft)	TP-12 (20-30ft)(15-20ft)	TP-12 (30-40ft)(0-5ft)	TP-12 (30-40ft)(5-10ft)
Sample Date					6/17/2020	6/17/2020	6/17/2020	6/17/2020	6/17/2020	6/17/2020	6/17/2020	6/17/2020	6/18/2020	6/18/2020	6/18/2020	6/18/2020	6/18/2020	
Parent Sample																		
<b>Metals (SW-846 6010D)</b>																		
Antimony	mg/kg	8.200	27	ND <1.9	ND <1.8	ND <1.9	ND <2.0	ND <1.8	ND <1.9	ND <1.9	ND <1.9	ND <1.9	ND <2.0	ND <2.0	ND <2.1	ND <2.1	ND <2.0	
Arsenic	mg/kg	10	10	<b>4.5</b>	ND <3.6	ND <3.8	ND <4.0	ND <3.6	<b>4</b>	<b>4.4</b>	<b>4.1</b>	<b>5.5</b>	<b>6.2</b>	ND <4.0	<b>8.9</b>	<b>10</b>	<b>4.2</b>	
Barium	mg/kg	140,000	4,700	<b>60</b>	<b>57</b>	<b>63</b>	<b>60</b>	<b>72</b>	<b>74</b>	<b>78</b>	<b>74</b>	<b>84</b>	<b>80</b>	<b>58</b>	<b>61</b>	<b>53</b>	<b>51</b>	
Beryllium	mg/kg	2	2	<b>0.45</b>	<b>0.39</b>	<b>0.48</b>	<b>0.44</b>	<b>0.48</b>	<b>0.6</b>	<b>0.61</b>	<b>0.58</b>	<b>0.67</b>	<b>0.62</b>	<b>0.39</b>	<b>0.43</b>	<b>0.45</b>	<b>0.4</b>	
Cadmium	mg/kg	1,000	34	ND <0.37	ND <0.36	ND <0.38	ND <0.40	ND <0.36	ND <0.39	ND <0.38	ND <0.39	ND <0.38	ND <0.39	ND <0.40	ND <0.43	ND <0.42	ND <0.41	
Chromium	mg/kg	100	100	<b>21</b>	<b>16</b>	<b>20</b>	<b>16</b>	<b>20</b>	<b>24</b>	<b>27</b>	<b>25</b>	<b>28</b>	<b>25</b>	<b>17</b>	<b>19</b>	<b>16</b>	<b>17</b>	
Copper	mg/kg	76,000	2,500	<b>40</b>	<b>33</b>	<b>29</b>	<b>28</b>	<b>33</b>	<b>26</b>	<b>27</b>	<b>30</b>	<b>27</b>	<b>47</b>	<b>31</b>	<b>79</b>	<b>110</b>	<b>49</b>	
Lead	mg/kg	1,000	400	<b>42</b>	<b>34</b>	<b>38</b>	<b>34</b>	<b>28</b>	<b>18</b>	<b>19</b>	<b>21</b>	<b>22</b>	<b>30</b>	<b>22</b>	<b>21</b>			
Nickel	mg/kg	7,500	1,400	<b>12</b>	<b>13</b>	<b>12</b>	<b>14</b>	<b>16</b>	<b>17</b>	<b>16</b>	<b>18</b>	<b>16</b>	<b>12</b>	<b>12</b>	<b>11</b>			
Selenium	mg/kg	10,000	340	ND <3.7	ND <3.6	ND <3.8	ND <4.0	ND <3.6	ND <3.9	ND <3.8	ND <3.9	ND <3.8	ND <3.9	ND <4.0	ND <4.3	ND <4.2	ND <4.1	
Silver	mg/kg	10,000	340	<b>0.7</b>	<b>0.67</b>	<b>0.69</b>	<b>0.65</b>	<b>0.68</b>	<b>0.66</b>	<b>0.67</b>	<b>0.68</b>	<b>0.67</b>	<b>0.74</b>	<b>0.54</b>	<b>0.73</b>	<b>0.75</b>	<b>0.54</b>	
Thallium	mg/kg	160	54	ND <1.9	ND <1.8	ND <1.9	ND <2.0	ND <1.8	ND <1.9	ND <1.9	ND <1.9	ND <1.9	ND <2.0	ND <2.0	ND <2.1	ND <2.1	ND <2.0	
Vanadium	mg/kg	14,000	470	<b>40</b>	<b>36</b>	<b>35</b>	<b>39</b>	<b>38</b>	<b>38</b>	<b>40</b>	<b>40</b>	<b>39</b>	<b>45</b>	<b>39</b>	<b>35</b>	<b>41</b>	<b>35</b>	
Zinc	mg/kg	610,000	20,000	<b>170</b>	<b>67</b>	<b>75</b>	<b>58</b>	<b>71</b>	<b>52</b>	<b>60</b>	<b>60</b>	<b>54</b>	<b>91</b>	<b>66</b>	<b>160</b>	<b>180</b>	<b>98</b>	
<b>Metals (SW-846 7471B)</b>																		
Mercury	mg/kg	610	20	<b>0.044</b>	<b>0.045</b>	<b>0.036</b>	ND <0.031	<b>0.044</b>	<b>0.03</b>	<b>0.033</b>	ND <0.030	ND <0.029	ND <0.029	ND <0.028	ND <0.032	ND <0.032	ND <0.031	
<b>Semi-VOCs (SW-846 8270D-E)</b>																		
2-Methylnaphthalene	ug/kg	5,600	1,000,000	270,000	ND <950	ND <950	ND <990	ND <1,000	ND <770	ND <400	ND <390	ND <400	ND <810	ND <810	ND <1,100	ND <1,100	ND <1,200	
Acenaphthene	ug/kg	84,000	2,500,000	1,000,000	ND <950	ND <950	ND <990	ND <1,000	ND <770	ND <400	ND <390	ND <400	ND <810	ND <810	ND <1,100	ND <1,100	ND <1,200	
Acenaphthylene	ug/kg	84,000	2,500,000	1,000,000	ND <950	ND <950	ND <990	ND <1,000	ND <770	ND <400	ND <390	ND <400	ND <810	ND <810	ND <1,100	ND <1,100	ND <1,200	
Anthracene	ug/kg	400,000	2,500,000	1,000,000	ND <950	ND <950	ND <990	ND <1,000	ND <770	ND <400	ND <390	ND <400	ND <810	ND <810	ND <1,100	ND <1,100	ND <1,200	
Benzo(a)anthracene	ug/kg	1,000	7,800	1,000	<b>1,800</b>	<b>2,100</b>	<b>2,300</b>	ND <1000	<b>1,700</b>	ND <400	<b>780</b>	ND <390	<b>1,000</b>	<b>850</b>	<b>2,200</b>	<b>2,300</b>	<b>3,000</b>	
Benzo(a)pyrene	ug/kg	1,000	1,000	1,000	<b>1,800</b>	<b>2,100</b>	<b>2,200</b>	ND <1000	<b>1,800</b>	<b>410</b>	<b>790</b>	ND <390	<b>1,200</b>	<b>1,200</b>	<b>2,500</b>	<b>2,400</b>	<b>3,200</b>	
Benzo(a)fluoranthene	ug/kg	1,000	7,800	1,000	<b>2,500</b>	<b>2,700</b>	<b>3,100</b>	ND <1000	<b>2,300</b>	<b>550</b>	<b>1,100</b>	<b>540</b>	ND <400	<b>1,800</b>	<b>1,700</b>	<b>3,700</b>	<b>3,800</b>	<b>4,300</b>
Benzo(a,h,i)perylene	ug/kg	1,000	78,000	8,400	<b>1,300</b>	<b>1,000</b>	<b>1,300</b>	ND <1,000	<b>1,600</b>	ND <400	<b>700</b>	ND <390	<b>1,400</b>	<b>830</b>	<b>1,300</b>	<b>2,400</b>	<b>2,200</b>	<b>3,200</b>
Benzo(a,h)fluoranthene	ug/kg	1,000	78,000	8,400	ND <950	1,000	<b>1,100</b>	<b>1,000</b>	<b>920</b>	ND <400	ND <390	ND <400	ND <810	ND <810	<b>1,300</b>	<b>1,300</b>	<b>1,600</b>	
Chrysene	ug/kg	1,000	78,000	8,400	<b>1,900</b>	<b>2,200</b>	<b>2,500</b>	ND <1,000	<b>1,900</b>	<b>410</b>	<b>950</b>	ND <400	<b>1,300</b>	<b>1,200</b>	<b>2,700</b>	<b>3,100</b>	<b>4,000</b>	
Diben(a,h)anthracene	ug/kg	1,000	1,000	ND <950	ND <950	ND <990	ND <1,000	ND <770	ND <400	ND <390	ND <400	ND <810	ND <810	ND <1,100	ND <1,100	ND <1,200		
Fluoranthene	ug/kg	56,000	2,500,000	1,000,000	<b>3,200</b>	<b>3,600</b>	<b>5,000</b>	<b>1,300</b>	<b>3,600</b>	<b>790</b>	<b>2,300</b>	<b>770</b>	ND <400	<b>1,800</b>	<b>1,900</b>	<b>4,300</b>	<b>6,600</b>	<b>7,800</b>
Fluorene	ug/kg	56,000	2,500,000	1,000,000	ND <950	ND <950	ND <990	ND <1,000	ND <770	ND <400	ND <390	ND <400	ND <810	ND <810	ND &lt			

**Table 12**  
**TP-12 Soil Sample Analytical Data Summary**  
**Fairfield Aggregate Recycling Facility**  
**Richard Wright Way, Fairfield, CT**  
**July 2020**

Station Name	Units	GB PMC	I/C DEC	R DEC	TP-12 (30-40ft)(10-15ft)	TP-12 (30-40ft)(15-20ft)	TP-12 (40-50ft)(0-5ft)	TP-12 (40-50ft)(5-10ft)	TP-12 (40-50ft)(10-15ft)	TP-12 (40-50ft)(15-20ft)	TP-12 (50-60ft)(0-5ft)	TP-12 (50-60ft)(5-10ft)	TP-12 (50-60ft)(10-15ft)	TP-12 (50-60ft)(15-20ft)	TP-12 (60-70ft)(0-5ft)	TP-12 (60-70ft)(5-10ft)	TP-12 (60-70ft)(10-15ft)	TP-12 (60-70ft)(15-20ft)	TP-12 (70-80ft)(0-5ft)
Sample Date					6/18/2020	6/18/2020	6/18/2020	6/18/2020	6/18/2020	6/18/2020	6/18/2020	6/18/2020	6/18/2020	6/18/2020	6/18/2020	6/18/2020	6/18/2020	6/18/2020	
Parent Sample																			
<b>Metals (SW-846 6010D)</b>																			
Antimony	mg/kg	8,200	27	ND < 1.9	ND < 2.2	ND < 1.8	ND < 1.8	ND < 2.0	ND < 1.8	ND < 1.9	ND < 1.9	ND < 1.9	ND < 1.9	ND < 1.8	ND < 1.9	ND < 1.8	ND < 1.8	ND < 1.8	
Arsenic	mg/kg	10	10	<b>6.8</b>	<b>6.8</b>	<b>4.7</b>	<b>4.8</b>	<b>4.3</b>	<b>4.9</b>	<b>5.2</b>	<b>4.8</b>	<b>4.6</b>	<b>4.5</b>	<b>4.8</b>	<b>4.7</b>	<b>6.9</b>	<b>6.9</b>	ND < 3.7	
Barium	mg/kg	140,000	4,700	<b>52</b>	<b>45</b>	<b>88</b>	<b>93</b>	<b>180</b>	<b>110</b>	<b>81</b>	<b>63</b>	<b>65</b>	<b>79</b>	<b>68</b>	<b>62</b>	<b>69</b>	<b>68</b>	<b>49</b>	
Beryllium	mg/kg	2	2	<b>0.37</b>	<b>0.26</b>	<b>0.55</b>	<b>0.51</b>	<b>0.52</b>	<b>0.44</b>	<b>0.51</b>	<b>0.45</b>	<b>0.47</b>	<b>0.42</b>	<b>0.42</b>	<b>0.43</b>	<b>0.46</b>	<b>0.44</b>	<b>0.4</b>	
Cadmium	mg/kg	1,000	34	ND < 0.39	ND < 0.44	ND < 0.37	ND < 0.37	ND < 0.36	ND < 0.39	ND < 0.37	ND < 0.37	ND < 0.38	ND < 0.39	ND < 0.36	ND < 0.37	ND < 0.36	ND < 0.37	ND < 0.37	
Chromium	mg/kg	100	100	<b>18</b>	<b>18</b>	<b>19</b>	<b>18</b>	<b>16</b>	<b>19</b>	<b>16</b>	<b>17</b>	<b>17</b>	<b>15</b>	<b>16</b>	<b>22</b>	<b>17</b>	<b>14</b>		
Copper	mg/kg	76,000	2,500	<b>75</b>	<b>51</b>	<b>31</b>	<b>31</b>	<b>34</b>	<b>39</b>	<b>32</b>	<b>29</b>	<b>33</b>	<b>32</b>	<b>33</b>	<b>45</b>	<b>45</b>			
Lead	mg/kg	1,000	400	<b>23</b>	<b>19</b>	<b>36</b>	<b>40</b>	<b>34</b>	<b>42</b>	<b>45</b>	<b>61</b>	<b>42</b>	<b>38</b>	<b>39</b>	<b>64</b>	<b>46</b>	<b>37</b>		
Nickel	mg/kg	7,500	1,400	<b>11</b>	<b>9.7</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>13</b>	<b>13</b>	<b>12</b>			
Selenium	mg/kg	10,000	340	ND < 3.9	ND < 4.4	ND < 3.7	ND < 3.6	ND < 3.9	ND < 3.7	ND < 3.6	ND < 3.7	ND < 3.8	ND < 3.9	ND < 3.6	ND < 3.7	ND < 3.6	ND < 3.7	ND < 3.7	
Silver	mg/kg	10,000	340	<b>0.61</b>	ND < 0.44	<b>0.73</b>	<b>0.53</b>	<b>0.5</b>	<b>0.56</b>	<b>0.46</b>	<b>0.5</b>	<b>0.54</b>	<b>0.57</b>	ND < 0.36	<b>0.38</b>	<b>0.47</b>			
Thallium	mg/kg	160	5.4	ND < 1.9	ND < 2.2	ND < 1.8	ND < 1.8	ND < 2.0	ND < 1.8	ND < 1.9	ND < 1.9	ND < 1.8	ND < 1.9	ND < 1.8	ND < 1.8	ND < 1.8	ND < 1.8		
Vanadium	mg/kg	14,000	470	<b>32</b>	<b>24</b>	<b>36</b>	<b>32</b>	<b>43</b>	<b>39</b>	<b>37</b>	<b>38</b>	<b>41</b>	<b>36</b>	<b>38</b>	<b>43</b>	<b>38</b>	<b>39</b>		
Zinc	mg/kg	610,000	20,000	<b>140</b>	<b>120</b>	<b>75</b>	<b>82</b>	<b>87</b>	<b>73</b>	<b>100</b>	<b>85</b>	<b>75</b>	<b>70</b>	<b>71</b>	<b>86</b>	<b>87</b>	<b>95</b>	<b>100</b>	
<b>Metals (SW-846 7471B)</b>																			
Mercury	mg/kg	610	20	ND < 0.029	ND < 0.034	<b>0.049</b>	<b>0.061</b>	<b>0.045</b>	<b>0.051</b>	<b>0.06</b>	<b>0.067</b>	<b>0.051</b>	<b>0.047</b>	<b>0.065</b>	<b>0.041</b>	<b>0.047</b>	<b>0.04</b>	<b>0.042</b>	
<b>Semi-VOAs (SW-846 8270D-E)</b>																			
2-Methylnaphthalene	ug/kg	5,600	1,000,000	270,000	ND < 810	ND < 890	ND < 960	ND < 980	ND < 1,000	ND < 960	ND < 770	ND < 800	ND < 810	ND < 760	ND < 960	ND < 950	ND < 390	ND < 380	
Acenaphthene	ug/kg	84,000	2,500,000	1,000,000	ND < 810	ND < 890	ND < 960	ND < 980	ND < 1,000	ND < 960	ND < 770	ND < 800	ND < 810	ND < 760	ND < 960	ND < 950	ND < 390	ND < 380	
Acenaphthylene	ug/kg	84,000	2,500,000	1,000,000	ND < 810	ND < 890	ND < 960	ND < 980	ND < 1,000	ND < 960	ND < 770	ND < 800	ND < 810	ND < 760	ND < 960	ND < 950	ND < 390	ND < 380	
Anthracene	ug/kg	400,000	2,500,000	1,000,000	ND < 810	ND < 890	ND < 960	ND < 980	ND < 1,000	ND < 960	ND < 800	ND < 810	ND < 760	ND < 960	ND < 950	ND < 390	ND < 380		
Benz(a)anthracene	ug/kg	1,000	7,800	1,000	<b>1,800</b>	<b>2,000</b>	<b>1,300</b>	<b>1,600</b>	<b>2,400</b>	<b>2,000</b>	<b>3,600</b>	<b>2,800</b>	<b>2,200</b>	<b>3,600</b>	<b>4,300</b>	<b>2,600</b>	<b>1,900</b>		
Benz(a)pyrene	ug/kg	1,000	1,000	1,000	<b>2,200</b>	<b>2,500</b>	<b>1,400</b>	<b>1,500</b>	<b>2,700</b>	<b>1,100</b>	<b>3,400</b>	<b>2,700</b>	<b>2,900</b>	<b>3,800</b>	<b>4,100</b>	<b>2,500</b>	<b>1,400</b>	<b>1,800</b>	
Benz(b)fluoranthene	ug/kg	1,000	7,800	1,000	<b>3,100</b>	<b>3,600</b>	<b>1,700</b>	<b>1,900</b>	<b>3,100</b>	<b>1,900</b>	<b>4,600</b>	<b>3,800</b>	<b>2,900</b>	<b>5,200</b>	<b>5,600</b>	<b>3,500</b>	<b>2,100</b>	<b>2,500</b>	
Benz(g,h)perylene	ug/kg	1,000	78,000	8,400	<b>2,100</b>	<b>2,400</b>	<b>1,200</b>	<b>1,100</b>	<b>2,100</b>	<b>1,100</b>	<b>3,000</b>	<b>2,100</b>	<b>1,700</b>	<b>3,300</b>	<b>3,400</b>	<b>1,600</b>	<b>870</b>	<b>1,000</b>	
Benz(k)fluoranthene	ug/kg	1,000	78,000	8,400	<b>1,100</b>	<b>1,300</b>	<b>1,200</b>	<b>1,200</b>	<b>1,200</b>	<b>1,200</b>	<b>1,800</b>	<b>1,400</b>	<b>1,100</b>	<b>1,800</b>	<b>1,900</b>	<b>1,400</b>	<b>760</b>	<b>970</b>	
Chrysene	ug/kg	1,000	780,000	8,400	<b>2,400</b>	<b>2,600</b>	<b>1,400</b>	<b>1,700</b>	<b>2,700</b>	<b>1,700</b>	<b>4,100</b>	<b>3,700</b>	<b>2,500</b>	<b>4,400</b>	<b>4,700</b>	<b>2,900</b>	<b>1,800</b>	<b>2,000</b>	
Dibenz(a,h)anthracene	ug/kg	1,000	1,000	1,000	ND < 810	ND < 890	ND < 960	ND < 980	ND < 1,000	ND < 960	ND < 770	ND < 800	ND < 810	ND < 760	ND < 96				



**Table 13**  
**TP-13 Soil Sample Analytical Results Summary**  
**Fairfield Aggregate Recycling Facility**  
**Richard Wright Way, Fairfield, CT**  
**July 2020**

Station Name	Units	GB PMC	I/C DEC	R DEC	TP-13 (0-10ft)(0-5ft)	TP-13 (0-10ft)(5-10ft)	TP-13 (0-10ft)(10-15ft)	TP-13 (0-10ft)(15-20ft)	TP-13 (10-20ft)(0-5ft)	TP-13 (10-20ft)(5-10ft)	TP-13 (10-20ft)(10-15ft)	TP-13 (10-20ft)(15-20ft)	TP-13 (20-30)(0-5ft-C)	TP-13 (20-30)(5-10ft-C)
Sample Date					6/18/2020	6/18/2020	6/18/2020	6/18/2020	6/18/2020	6/18/2020	6/18/2020	6/18/2020	6/18/2020	6/18/2020
Parent Sample														
<b>Metals (SW-846 6010D)</b>														
Antimony	mg/kg	8,200	27	ND <1.8	ND <1.8	ND <1.9	ND <1.8	ND <1.8	ND <1.8	ND <1.9	ND <1.8	ND <1.8	ND <1.8	ND <1.8
Arsenic	mg/kg	10	10	<b>42</b>	ND <3.7	ND <3.8	ND <3.7	<b>3.8</b>	<b>3.8</b>	ND <3.7	<b>4.1</b>	ND <3.6	ND <3.7	ND <3.7
Barium	mg/kg	140,000	4,700	<b>48</b>	<b>38</b>	<b>28</b>	<b>37</b>	<b>50</b>	<b>46</b>	<b>53</b>	<b>61</b>	<b>54</b>	<b>64</b>	<b>64</b>
Beryllium	mg/kg	2	2	<b>0.39</b>	<b>0.38</b>	<b>0.22</b>	<b>0.3</b>	<b>0.35</b>	<b>0.32</b>	<b>0.3</b>	<b>0.36</b>	<b>0.31</b>	<b>0.37</b>	<b>0.37</b>
Cadmium	mg/kg	1,000	34	ND <0.36	ND <0.37	ND <0.38	ND <0.37	ND <0.36	ND <0.37	ND <0.37	ND <0.37	ND <0.36	ND <0.37	ND <0.37
Chromium	mg/kg	100	100	<b>14</b>	<b>11</b>	<b>9.9</b>	<b>13</b>	<b>15</b>	<b>14</b>	<b>16</b>	<b>13</b>	<b>14</b>	<b>14</b>	<b>14</b>
Copper	mg/kg	76,000	2,500	<b>26</b>	<b>25</b>	<b>22</b>	<b>26</b>	<b>25</b>	<b>27</b>	<b>29</b>	<b>31</b>	<b>29</b>	<b>27</b>	<b>27</b>
Lead	mg/kg	1,000	400	<b>28</b>	<b>27</b>	<b>21</b>	<b>27</b>	<b>20</b>	<b>25</b>	<b>26</b>	<b>36</b>	<b>19</b>	<b>24</b>	<b>24</b>
Nickel	mg/kg	7,500	1,400	<b>11</b>	<b>10</b>	<b>7.7</b>	<b>9.6</b>	<b>11</b>	<b>11</b>	<b>13</b>	<b>11</b>	<b>11</b>	<b>12</b>	<b>12</b>
Selenium	mg/kg	10,000	340	ND <3.6	ND <3.7	ND <3.8	ND <3.7	ND <3.6	ND <3.7	ND <3.7	ND <3.7	ND <3.6	ND <3.7	ND <3.7
Silver	mg/kg	10,000	340	ND <0.36	ND <0.37	ND <0.38	ND <0.37	ND <0.36	ND <0.37	ND <0.37	ND <0.37	<b>0.37</b>	ND <0.37	ND <0.37
Thallium	mg/kg	160	5.4	ND <1.8	ND <1.8	ND <1.9	ND <1.8	ND <1.8	ND <1.8	ND <1.9	ND <1.8	ND <1.8	ND <1.8	ND <1.8
Vanadium	mg/kg	14,000	470	<b>38</b>	<b>34</b>	<b>25</b>	<b>29</b>	<b>46</b>	<b>38</b>	<b>35</b>	<b>36</b>	<b>51</b>	<b>52</b>	<b>52</b>
Zinc	mg/kg	610,000	20,000	<b>54</b>	<b>45</b>	<b>41</b>	<b>53</b>	<b>44</b>	<b>51</b>	<b>59</b>	<b>68</b>	<b>41</b>	<b>47</b>	<b>47</b>
<b>Metals (SW-846 7471B)</b>														
Mercury	mg/kg	610	20	<b>0.035</b>	ND <0.027	<b>0.031</b>	<b>0.032</b>	<b>0.049</b>	<b>0.029</b>	ND <0.028	<b>0.044</b>	ND <0.027	ND <0.028	ND <0.028
<b>Semi-VOAs (SW-846 8270D-E)</b>														
2-Methylnaphthalene	ug/kg	5,600	1,000,000	270,000	ND <750	ND <750	ND <780	ND <960	ND <930	ND <940	ND <190	ND <190	ND <1,800	ND <1,900
Acenaphthene	ug/kg	84,000	2,500,000	1,000,000	ND <750	ND <750	ND <780	ND <960	ND <930	ND <940	ND <190	ND <190	ND <1,800	ND <1,900
Acenaphthylene	ug/kg	84,000	2,500,000	1,000,000	ND <750	ND <750	ND <780	ND <960	ND <930	ND <940	ND <190	ND <1,800	ND <1,900	ND <1,900
Anthracene	ug/kg	400,000	2,500,000	1,000,000	ND <750	ND <750	ND <780	ND <960	ND <930	ND <940	<b>240</b>	<b>330</b>	ND <1,800	ND <1,900
Benz(a)anthracene	ug/kg	1,000	7,800	1,000	<b>2,300</b>	<b>2,000</b>	<b>1,100</b>	<b>1,600</b>	<b>1,600</b>	<b>1,500</b>	<b>1,500</b>	<b>1,700</b>	ND <1,800	<b>3,700</b>
Benz(a)pyrene	ug/kg	1,000	1,000	1,000	<b>2,400</b>	<b>2,200</b>	<b>1,100</b>	<b>1,700</b>	<b>1,800</b>	<b>1,600</b>	<b>1,800</b>	<b>1,700</b>	ND <1,800	<b>3,500</b>
Benz(b)fluoranthene	ug/kg	1,000	7,800	1,000	<b>3,400</b>	<b>3,200</b>	<b>1,500</b>	<b>2,300</b>	<b>2,300</b>	<b>2,100</b>	<b>2,400</b>	<b>2,400</b>	ND <1,800	<b>4,500</b>
Benz(g,h,i)perylene	ug/kg	1,000	78,000	8,400	<b>1,100</b>	<b>1,000</b>	ND <780	ND <960	ND <930	ND <940	<b>870</b>	<b>920</b>	ND <1,800	<b>2,400</b>
Benz(k)fluoranthene	ug/kg	1,000	78,000	8,400	<b>1,200</b>	<b>1,100</b>	ND <780	ND <960	ND <930	ND <940	<b>980</b>	<b>1,000</b>	ND <1,800	ND <1,900
Chrysene	ug/kg	1,000	780,000	8,400	<b>2,600</b>	<b>2,400</b>	<b>1,100</b>	<b>1,700</b>	<b>1,800</b>	<b>1,500</b>	<b>1,900</b>	<b>2,000</b>	ND <1,800	<b>4,100</b>
Dibenz(a,h)anthracene	ug/kg	1,000	1,000	1,000	ND <750	ND <750	ND <780	ND <960	ND <930	ND <940	<b>230</b>	<b>190</b>	ND <1,800	ND <1,900
Fluoranthene	ug/kg	56,000	2,500,000	1,000,000	<b>4,800</b>	<b>4,600</b>	<b>1,800</b>	<b>3,000</b>	<b>3,000</b>	<b>2,400</b>	<b>2,700</b>	<b>3,200</b>	<b>3,400</b>	<b>9,800</b>
Fluorene	ug/kg	56,000	2,500,000	1,000,000	ND <750	ND <750	ND <780	ND <960	ND <930	ND <940	ND <190	ND <190	ND <1,800	ND <1,900
Indeno(1,2,3-cd)pyrene	ug/kg	1,000	7,800	1,000	<b>1,300</b>	<b>1,200</b>	ND <780	ND <960	ND <930	ND <940	<b>960</b>	<b>990</b>	ND <1,800	<b>2,900</b>
Naphthalene	ug/kg	56,000	2,500,000	1,000,000	ND <750	ND <750	ND <780	ND <960	ND <930	ND <940	ND <190	ND <190	ND <1,800	ND <1,900
Phenanthrene	ug/kg	40,000	2,500,000	1,000,000	<b>2,400</b>	<b>2,300</b>	<b>940</b>	<b>1,800</b>	<b>2,300</b>	<b>1,500</b>	<b>1,400</b>	<b>1,900</b>	<b>2,700</b>	<b>9,400</b>
Pyrene	ug/kg	40,000	2,500,000	1,000,000	<b>5,800</b>	<b>4,500</b>	<b>2,400</b>	<b>3,700</b>	<b>4,200</b>	<b>3,400</b>	<b>3,400</b>	<b>4,000</b>	<b>3,800</b>	<b>10,000</b>
Total PAHs					<b>27,300</b>	<b>24,500</b>	<b>9,940</b>	<b>15,800</b>	<b>17,300</b>	<b>14,000</b>	<b>18,380</b>	<b>20,330</b>	<b>9,900</b>	<b>50,300</b>
<b>PCBs (SW-846 8082A)</b>														
Aroclor-1016	mg/kg	-	-	-	ND <0.086	ND <0.083	ND <0.085	ND <0.088	ND <0.086	ND <0.084	ND <0.089	ND <0.09	ND <0.086	ND <0.087
Aroclor-1221	mg/kg	-	-	-</td										

**Table 13**  
**TP-13 Soil Sample Analytical Results Summary**  
**Fairfield Aggregate Recycling Facility**  
**Richard Wright Way, Fairfield, CT**  
**July 2020**

Station Name	Units	GB PMC	I/C DEC	R DEC	TP-13 (20-30)(10-15)-C	TP-13 (20-30)(15-20)-C	TP-13 (30-40)(0-5)-C	TP-13 (30-40)(5-10)-C	TP-13 (30-40)(10-15)-C	TP-13 (30-40)(15-20)-C	TP-13 (40-50)(0-5)-C	TP-13 (40-50)(5-10)-C	TP-13 (40-50)(10-15)-C	TP-13 (40-50)(15-20)-C
Sample Date					6/18/2020	6/18/2020	6/19/2020	6/19/2020	6/19/2020	6/19/2020	6/19/2020	6/19/2020	6/19/2020	6/19/2020
Parent Sample														
<b>Metals (SW-846 6010D)</b>														
Antimony	mg/kg	8,200	27	ND <1.9	ND <1.8	ND <1.8	ND <1.8	ND <1.8	ND <1.8	ND <1.8	ND <1.8	ND <1.8	ND <1.8	ND <1.8
Arsenic	mg/kg	10	10	ND <3.7	ND <3.6	ND <3.6	ND <3.6	ND <3.6	ND <3.6	ND <3.6	ND <3.6	ND <3.6	ND <3.6	ND <3.6
Barium	mg/kg	140,000	4,700	62	40	60	36	52	55	52	48	48	49	49
Beryllium	mg/kg	2	2	0.38	0.25	0.38	0.25	0.29	0.3	0.37	0.32	0.35	0.3	0.3
Cadmium	mg/kg	1,000	34	ND <0.37	ND <0.36	ND <0.36	ND <0.35	ND <0.36	ND <0.36	ND <0.36	ND <0.36	ND <0.36	ND <0.36	ND <0.36
Chromium	mg/kg	100	100	16	11	15	9.2	12	13	14	12	12	13	13
Copper	mg/kg	76,000	2,500	25	25	25	25	27	26	26	24	24	27	27
Lead	mg/kg	1,000	400	19	15	22	15	71	29	20	19	23	19	19
Nickel	mg/kg	7,500	1,400	12	10	11	9.6	11	12	11	11	11	12	12
Selenium	mg/kg	10,000	340	ND <3.7	ND <3.6	ND <3.6	ND <3.5	ND <3.6	ND <3.6	ND <3.6	ND <3.6	ND <3.6	ND <3.6	ND <3.6
Silver	mg/kg	10,000	340	ND <0.37	ND <0.36	0.39	0.46	0.5	0.39	0.39	0.51	0.48	0.42	0.42
Thallium	mg/kg	160	5.4	ND <1.9	ND <1.8	ND <1.8	ND <1.8	ND <1.8	ND <1.8	ND <1.8	ND <1.8	ND <1.8	ND <1.8	ND <1.8
Vanadium	mg/kg	14,000	470	45	58	46	51	55	50	45	49	45	51	51
Zinc	mg/kg	610,000	20,000	48	33	50	35	40	51	45	42	47	46	46
<b>Metals (SW-846 7471B)</b>														
Mercury	mg/kg	610	20	ND <0.028	ND <0.027	ND <0.027	ND <0.025	ND <0.027	ND <0.028	ND <0.027	ND <0.027	ND <0.028	ND <0.027	ND <0.027
<b>Semi-VOAs (SW-846 8270D-E)</b>														
2-Methylnaphthalene	ug/kg	5,600	1,000,000	270,000	ND <1,900	ND <1,800	ND <1,800	ND <1,800	ND <1,800	ND <2,800	ND <1,900	ND <1,900	ND <1,800	ND <1,800
Acenaphthene	ug/kg	84,000	2,500,000	1,000,000	ND <1,900	ND <1,800	ND <1,800	ND <1,800	ND <1,800	ND <2,800	ND <1,900	ND <1,900	ND <1,800	ND <1,800
Acenaphthylene	ug/kg	84,000	2,500,000	1,000,000	ND <1,900	ND <1,800	ND <1,800	ND <1,800	ND <1,800	ND <2,800	ND <1,900	ND <1,900	ND <1,800	ND <1,800
Anthracene	ug/kg	400,000	2,500,000	1,000,000	ND <1,900	ND <1,800	ND <1,800	ND <1,800	ND <1,800	ND <2,800	ND <1,900	ND <1,900	ND <1,800	ND <1,800
Benz(a)anthracene	ug/kg	1,000	7,800	1,000	ND <1,900	ND <1,800	ND <1,800	ND <1,800	ND <1,800	ND <2,800	ND <1,900	3,100	ND <1,800	ND <1,800
Benz(a)pyrene	ug/kg	1,000	1,000	1,000	ND <1,900	ND <1,800	ND <1,800	ND <1,800	ND <1,800	ND <2,800	ND <1,900	2,900	ND <1,800	ND <1,800
Benz(b)fluoranthene	ug/kg	1,000	7,800	1,000	ND <1,900	ND <1,800	2,100	ND <1,800	ND <1,800	ND <2,800	ND <1,900	3,900	ND <1,800	ND <1,800
Benz(g,h,i)perylene	ug/kg	1,000	78,000	8,400	ND <1,900	ND <1,800	ND <1,800	ND <1,800	ND <1,800	ND <2,800	ND <1,900	2,500	ND <1,800	ND <1,800
Benz(k)fluoranthene	ug/kg	1,000	78,000	8,400	ND <1,900	ND <1,800	ND <1,800	ND <1,800	ND <1,800	ND <2,800	ND <1,900	ND <1,800	ND <1,800	ND <1,800
Chrysene	ug/kg	1,000	780,000	8,400	ND <1,900	ND <1,800	ND <1,800	ND <1,800	ND <1,800	ND <2,800	ND <1,900	3,500	ND <1,800	ND <1,800
Dibenz(a,h)anthracene	ug/kg	1,000	1,000	1,000	ND <1,900	ND <1,800	ND <1,800	ND <1,800	ND <1,800	ND <2,800	ND <1,900	ND <1,800	ND <1,800	ND <1,800
Fluoranthene	ug/kg	56,000	2,500,000	1,000,000	ND <1,900	2,700	2,500	2,200	ND <1,800	ND <2,800	ND <1,900	7,200	1,900	ND <1,800
Fluorene	ug/kg	56,000	2,500,000	1,000,000	ND <1,900	ND <1,800	ND <1,800	ND <1,800	ND <1,800	ND <2,800	ND <1,900	ND <1,800	ND <1,800	ND <1,800
Indeno(1,2,3-cd)pyrene	ug/kg	1,000	7,800	1,000	ND <1,900	ND <1,800	ND <1,800	ND <1,800	ND <1,800	ND <2,800	ND <1,900	2,800	ND <1,800	ND <1,800
Naphthalene	ug/kg	56,000	2,500,000	1,000,000	ND <1,900	ND <1,800	ND <1,800	ND <1,800	ND <1,800	ND <2,800	ND <1,900	ND <1,800	ND <1,800	ND <1,800
Phenanthrene	ug/kg	40,000	2,500,000	1,000,000	ND <1,900	1,800	ND <1,800	ND <1,800	ND <1,800	ND <2,800	ND <1,900	3,900	ND <1,800	ND <1,800
Pyrene	ug/kg	40,000	2,500,000	1,000,000	ND <1,900	3,300	3,300	2,600	ND <1,800	ND <2,800	ND <1,900	7,000	2,100	ND <1,800
Total PAHs				0	7,900	7,900	4,800	0	0	0	36,800	4,000	0	
<b>PCBs (SW-846 8082A)</b>														
Aroclor-1016	mg/kg	-	-	-	ND <0.087	ND <0.086	ND <0.087	ND <0.085	ND <0.086	ND <0.087	ND <0.088	ND <0.085	ND <0.087	
Aroclor-1221	mg/kg	-	-	-	ND <0.087	ND <0.086	ND <0.087	ND <0.085	ND <0.086	ND <0.087	ND <0.088	ND <0.085	ND <0.087	
Aroclor-1232	mg/kg	-	-	-	ND <0.087	ND <0.086	ND <0.087	ND <0.085	ND <0.086	ND <0.087	ND <0.088	ND <0.085	ND <0.087	
Aroclor-1242	mg/kg	-	-	-	ND <0.087	ND <0.086	ND <0.087							

**Table 13**  
**TP-13 Soil Sample Analytical Results Summary**  
**Fairfield Aggregate Recycling Facility**  
**Richard Wright Way, Fairfield, CT**  
**July 2020**

Station Name	Units	GB PMC	I/C DEC	R DEC	TP-13 (50-60)(0-5)-C	TP-13 (50-60)(5-10)-C	TP-13 (50-60)(10-15)-C	TP-13 (50-60)(15-20)-C	TP-13 (60-70)(0-5)-C	TP-13 (60-70)(5-10)-C	TP-13 (60-70)(10-15)-C	TP-13 (60-70)(15-20)-C	TP-13 (70-80)(0-5)-C	TP-13 (70-80)(5-10)-C	
Sample Date					6/19/2020	6/19/2020	6/19/2020	6/19/2020	6/19/2020	6/19/2020	6/19/2020	6/19/2020	6/19/2020	6/19/2020	
Parent Sample															
<b>Metals (SW-846 6010D)</b>															
Antimony	mg/kg	8,200	27	ND <1.8	ND <1.8	ND <1.8	ND <1.8	ND <1.8	ND <1.8	ND <1.9	ND <1.9	ND <1.8	ND <1.9	ND <1.9	
Arsenic	mg/kg	10	10	ND <3.7	ND <3.6	ND <3.7	ND <3.7	ND <3.6	ND <3.7	ND <3.7	ND <3.7	ND <3.7	ND <3.7	ND <3.7	
Barium	mg/kg	140,000	4,700	66	46	63	40	95	73	78	68	70	70	70	
Beryllium	mg/kg	2	2	0.51	0.38	0.62	0.35	0.73	0.67	0.92	0.74	0.44	0.93	0.93	
Cadmium	mg/kg	1,000	34	ND <0.37	ND <0.36	ND <0.37	ND <0.37	ND <0.36	ND <0.37	ND <0.37	ND <0.37	ND <0.37	ND <0.37	ND <0.37	
Chromium	mg/kg	100	100	18	12	15	12	18	18	19	16	22	19	19	
Copper	mg/kg	76,000	2,500	24	23	26	28	21	24	26	28	25	24	24	
Lead	mg/kg	1,000	400	23	20	17	22	17	21	21	22	21	20	20	
Nickel	mg/kg	7,500	1,400	12	10	12	11	12	12	13	12	21	15	13	
Selenium	mg/kg	10,000	340	ND <3.7	ND <3.6	ND <3.7	ND <3.7	ND <3.6	ND <3.7	ND <3.7	ND <3.7	ND <3.7	ND <3.7	ND <3.7	
Silver	mg/kg	10,000	340	0.44	0.4	ND <0.37	0.42	ND <0.36	0.4	ND <0.37	ND <0.37	ND <0.37	ND <0.37	ND <0.37	
Thallium	mg/kg	160	5.4	ND <1.8	ND <1.8	ND <1.8	ND <1.8	ND <1.8	ND <1.8	ND <1.8	ND <1.9	ND <1.8	ND <1.9	ND <1.9	
Vanadium	mg/kg	14,000	470	40	46	45	52	39	36	32	35	38	30	30	
Zinc	mg/kg	610,000	20,000	53	44	55	43	57	59	63	58	51	59	59	
<b>Metals (SW-846 7471B)</b>															
Mercury	mg/kg	610	20	0.035	0.035	ND <0.027	ND <0.026	ND <0.028	ND <0.028	ND <0.027	ND <0.027	ND <0.027	ND <0.027	ND <0.028	
<b>Semi-VOAs (SW-846 8270D-E)</b>															
2-Methylnaphthalene	ug/kg	5,600	1,000,000	270,000	ND <940	ND <1,900	ND <1,900	ND <1,900	ND <1,900	ND <920	ND <930	ND <760	ND <950	ND <740	ND <380
Acenaphthene	ug/kg	84,000	2,500,000	1,000,000	ND <940	ND <1,900	ND <1,900	ND <1,900	ND <1,900	ND <920	ND <930	ND <760	ND <950	ND <740	ND <380
Acenaphthylene	ug/kg	84,000	2,500,000	1,000,000	ND <940	ND <1,900	ND <1,900	ND <1,900	ND <1,900	ND <920	ND <930	ND <760	ND <950	ND <740	ND <380
Anthracene	ug/kg	400,000	2,500,000	1,000,000	ND <940	ND <1,900	ND <1,900	ND <1,900	ND <1,900	ND <920	ND <930	ND <760	ND <950	ND <740	ND <380
Benz(a)anthracene	ug/kg	1,000	7,800	1,000	1,600	2,900	ND <1,900	2,700	ND <920	ND <930	ND <760	1,200	1,200	ND <380	
Benz(a)pyrene	ug/kg	1,000	1,000	1,000	1,400	2,500	ND <1,900	2,800	ND <920	ND <930	ND <760	1,300	1,400	ND <380	
Benz(b)fluoranthene	ug/kg	1,000	7,800	1,000	1,700	3,100	ND <1,900	3,600	ND <920	ND <930	ND <760	1,700	1,800	ND <380	
Benz(g,h,i)perylene	ug/kg	1,000	78,000	8,400	1,000	2,000	ND <1,900	2,000	ND <920	ND <930	ND <760	ND <950	1,300	ND <380	
Benz(k)fluoranthene	ug/kg	1,000	78,000	8,400	ND <940	ND <1,900	ND <1,900	ND <1,900	ND <920	ND <930	ND <760	ND <950	ND <740	ND <380	
Chrysene	ug/kg	1,000	780,000	8,400	1,600	2,700	ND <1,900	3,000	ND <920	ND <930	ND <760	1,400	1,300	ND <380	
Dibenz(a,h)anthracene	ug/kg	1,000	1,000	1,000	ND <940	ND <1,900	ND <1,900	ND <1,900	ND <920	ND <930	ND <760	ND <950	ND <740	ND <380	
Fluoranthene	ug/kg	56,000	2,500,000	1,000,000	2,800	6,300	ND <1,900	6,300	ND <920	ND <930	ND <760	2,700	1,900	ND <380	
Fluorene	ug/kg	56,000	2,500,000	1,000,000	ND <940	ND <1,900	ND <1,900	ND <1,900	ND <920	ND <930	ND <760	ND <950	ND <740	ND <380	
Indeno(1,2,3-cd)pyrene	ug/kg	1,000	7,800	1,000	1,200	2,100	ND <1,900	2,300	ND <920	ND <930	ND <760	1,100	1,300	ND <380	
Naphthalene	ug/kg	56,000	2,500,000	1,000,000	ND <940	ND <1,900	ND <1,900	ND <1,900	ND <920	ND <930	ND <760	ND <950	ND <740	ND <380	
Phenanthrene	ug/kg	40,000	2,500,000	1,000,000	2,000	5,800	ND <1,900	3,300	ND <920	ND <930	ND <760	1,200	870	ND <380	
Pyrene	ug/kg	40,000	2,500,000	1,000,000	3,300	6,600	ND <1,900	7,200	1,100	1,100	ND <760	3,000	2,500	500	
Total PAHs	ug/kg	16,600		34,300	0	33,900	1,100	1,100	0	33,600	13,600	13,570	500		
<b>PCBs (SW-846 8082A)</b>															
Aroclor-1016	mg/kg	-	-	-	ND <0.089	ND <0.087	ND <0.087	ND <0.086	ND <0.087	ND <0.086	ND <0.09	ND <0.091	ND <0.088	ND <0.09	
Aroclor-1221	mg/kg	-	-	-	ND <0.089	ND <0.087	ND <0.087	ND <0.086	ND <0.087	ND <0.086	ND <0.09	ND <0.091	ND <0.088	ND <0.09	
Aroclor-1232	mg/kg	-	-	-	ND <0.089	ND <0.087	ND <0.087	ND <0.086	ND <0.087	ND <0.086	ND <0.09	ND <0.091	ND <0.088	ND <0.09	
Aroclor-1242	mg/kg	-	-	-	ND <0.089	ND <0.087	ND <0.087	ND <0.086	ND <0.087	ND <0.086	ND <0.09	ND <0.091	ND <0.088	ND <0.09	
Aroclor-1248	mg														

**Table 13**  
**TP-13 Soil Sample Analytical Results Summary**  
**Fairfield Aggregate Recycling Facility**  
**Richard Wright Way, Fairfield, CT**  
**July 2020**

Station Name	Units	GB PMC	I/C DEC	R DEC	TP-13 (70-80)(10-15)-C	TP-13 (70-80)(15-20)-C	TP-13 (80-90)(0-5)-C	TP-13 (80-90)(5-10)-C	TP-13 (80-90)(10-15)-C	TP-13 (80-90)(15-20)-C	TP-13 (90-100)(0-5)-C	TP-13 (90-100)(5-10)-C	TP-13 (90-100)(10-15)-C	TP-13 (90-100)(15-20)-C	
Sample Date					6/19/2020	6/19/2020	6/19/2020				6/19/2020	6/19/2020	6/19/2020		
Parent Sample															
<b>Metals (SW-846 6010D)</b>															
Antimony	mg/kg	8,200	27	ND <1.9	ND <1.9	ND <1.9	ND <1.9	ND <1.9	ND <1.9	ND <1.9	ND <1.9	ND <1.9	ND <1.8	ND <1.9	
Arsenic	mg/kg	10	10	ND <3.8	<b>4.1</b>	ND <3.7	<b>4.0</b>	<b>4.4</b>	ND <3.8	<b>3.8</b>	<b>3.9</b>	ND <3.7	<b>4.7</b>		
Barium	mg/kg	140,000	4,700	<b>73</b>	<b>69</b>	<b>71</b>	<b>70</b>	<b>74</b>	<b>67</b>	<b>62</b>	<b>80</b>	<b>63</b>	<b>61</b>		
Beryllium	mg/kg	2	2	<b>0.9</b>	<b>0.66</b>	<b>0.45</b>	<b>0.51</b>	<b>0.53</b>	<b>0.63</b>	<b>0.47</b>	<b>0.53</b>	<b>0.45</b>	<b>0.52</b>		
Cadmium	mg/kg	1,000	34	ND <0.38	ND <0.38	ND <0.37	ND <0.38	ND <0.38	ND <0.38	ND <0.38	ND <0.38	ND <0.37	ND <0.37	ND <0.39	
Chromium	mg/kg	100	100	<b>19</b>	<b>18</b>	<b>21</b>	<b>21</b>	<b>21</b>	<b>20</b>	<b>20</b>	<b>24</b>	<b>18</b>	<b>18</b>		
Copper	mg/kg	76,000	2,500	<b>23</b>	<b>30</b>	<b>24</b>	<b>29</b>	<b>28</b>	<b>28</b>	<b>25</b>	<b>28</b>	<b>23</b>	<b>37</b>		
Lead	mg/kg	1,000	400	<b>19</b>	<b>25</b>	<b>25</b>	<b>27</b>	<b>30</b>	<b>21</b>	<b>29</b>	<b>31</b>	<b>30</b>	<b>25</b>		
Nickel	mg/kg	7,500	1,400	<b>13</b>	<b>13</b>	<b>14</b>	<b>15</b>	<b>14</b>	<b>13</b>	<b>13</b>	<b>16</b>	<b>13</b>	<b>13</b>		
Selenium	mg/kg	10,000	340	ND <3.8	ND <3.8	ND <3.7	ND <3.8	ND <3.8	ND <3.8	ND <3.8	ND <3.8	ND <3.7	ND <3.9		
Silver	mg/kg	10,000	340	ND <0.38	ND <0.38	ND <0.37	ND <0.38	ND <0.38	ND <0.38	ND <0.38	ND <0.38	ND <0.37	ND <0.39		
Thallium	mg/kg	160	5.4	ND <1.9	ND <1.9	ND 1.9	ND <1.9	ND <1.9	ND <1.9	ND <1.9	ND <1.9	ND <1.9	ND <1.9		
Vanadium	mg/kg	14,000	470	<b>32</b>	<b>39</b>	<b>33</b>	<b>34</b>	<b>35</b>	<b>35</b>	<b>35</b>	<b>38</b>	<b>35</b>	<b>35</b>		
Zinc	mg/kg	610,000	20,000	<b>56</b>	<b>58</b>	<b>47</b>	<b>52</b>	<b>55</b>	<b>58</b>	<b>53</b>	<b>67</b>	<b>52</b>	<b>53</b>		
<b>Metals (SW-846 7471B)</b>															
Mercury	mg/kg	610	20	ND <0.028	ND <0.028	0.027	ND <0.029	ND <0.029		0.027	<b>0.032</b>	ND <0.029	ND <0.028		
<b>Semi-VOAs (SW-846 8270D-E)</b>															
2-Methylnaphthalene	ug/kg	5,600	1,000,000	270,000	ND <380	ND <770	ND <390	ND <380	ND <770	ND <390	ND <380	ND <380	ND <770		
Acenaphthene	ug/kg	84,000	2,500,000	1,000,000	ND <380	ND <770	ND <390	ND <380	ND <770	ND <390	ND <380	ND <380	ND <770		
Acenaphthylene	ug/kg	84,000	2,500,000	1,000,000	ND <380	ND <770	ND <390	ND <380	ND <770	ND <390	ND <380	ND <380	ND <770		
Anthracene	ug/kg	400,000	2,500,000	1,000,000	ND <380	ND <770	ND <390	ND <380	ND <770	ND <390	ND <380	ND <380	ND <770		
Benz(a)anthracene	ug/kg	1,000	7,800	1,000	ND <380	<b>1,900</b>	<b>1,300</b>	<b>1,200</b>	<b>1,300</b>	<b>1,100</b>	<b>580</b>	<b>720</b>	ND <770		
Benz(a)pyrene	ug/kg	1,000	1,000	1,000	ND <380	<b>1,800</b>	<b>1,700</b>	<b>1,100</b>	<b>1,300</b>	<b>1,100</b>	<b>600</b>	<b>710</b>	ND <770		
Benz(b)fluoranthene	ug/kg	1,000	7,800	1,000	<b>430</b>	<b>2,400</b>	<b>1,900</b>	<b>1,300</b>	<b>1,400</b>	<b>1,700</b>	<b>1,300</b>	<b>710</b>	<b>980</b>	<b>980</b>	
Benz(g,h,i)perylene	ug/kg	1,000	78,000	8,400	ND <380	<b>1,400</b>	<b>1,000</b>	<b>630</b>	<b>600</b>	ND <770	ND <770	<b>540</b>	<b>410</b>	ND <770	
Benz(k)fluoranthene	ug/kg	1,000	78,000	8,400	ND <380	<b>870</b>	<b>760</b>	<b>500</b>	<b>560</b>	ND <770	ND <770	<b>600</b>	<b>410</b>	ND <770	
Chrysene	ug/kg	1,000	780,000	8,400	ND <380	<b>2,000</b>	<b>1,500</b>	<b>1,100</b>	<b>1,200</b>	<b>1,200</b>	<b>1,100</b>	<b>610</b>	<b>750</b>	ND <770	
Dibenz(a,h)anthracene	ug/kg	1,000	1,000	1,000	ND <380	ND <770	ND <390	ND <380	ND <770	ND <770	ND <390	ND <380	ND <770		
Fluoranthene	ug/kg	56,000	2,500,000	1,000,000	<b>590</b>	<b>3,800</b>	<b>2,300</b>	<b>1,900</b>	<b>2,100</b>	<b>1,700</b>	<b>1,100</b>	<b>1,100</b>	<b>1,400</b>		
Fluorene	ug/kg	56,000	2,500,000	1,000,000	ND <380	ND <770	ND <390	ND <380	ND <770	ND <770	ND <390	ND <380	ND <770		
Indeno(1,2,3-cd)pyrene	ug/kg	1,000	7,800	1,000	ND <380	<b>1,500</b>	<b>1,100</b>	<b>670</b>	<b>680</b>	<b>900</b>	ND <770	<b>600</b>	<b>410</b>	ND <770	
Naphthalene	ug/kg	56,000	2,500,000	1,000,000	ND <380	ND <770	ND <390	ND <380	ND <770	ND <770	ND <390	ND <380	ND <770		
Phenanthrene	ug/kg	40,000	2,500,000	1,000,000	ND <380	<b>2,500</b>	<b>980</b>	<b>1,200</b>	<b>870</b>	<b>1,600</b>	<b>2,000</b>	<b>550</b>	<b>500</b>	ND <770	
Pyrene	ug/kg	40,000	2,500,000	1,000,000	<b>720</b>	<b>4,600</b>	<b>3,300</b>	<b>2,600</b>	<b>2,400</b>	<b>2,600</b>	<b>2,500</b>	<b>1,200</b>	<b>1,400</b>	<b>1,100</b>	
Total PAHs	ug/kg				<b>1,740</b>	<b>22,870</b>	<b>15,850</b>	<b>12,100</b>	<b>11,910</b>	<b>12,700</b>	<b>10,800</b>	<b>6,490</b>	<b>7,370</b>	<b>3,480</b>	
<b>PCBs (SW-846 8082A)</b>															
Aroclor-1016	mg/kg	-	-	-	ND <0.088	ND <0.089	ND <0.086	ND <0.089	ND <0.089	ND <0.087	ND <0.086	ND <0.086	ND <0.085	ND <0.085	
Aroclor-1221	mg/kg	-	-	-	ND <0.088	ND <0.089	ND <0.086	ND <0.088	ND <0.089	ND <0.087	ND <0.086	ND <0.086	ND <0.085	ND <0.085	
Aroclor-1232	mg/kg	-	-	-	ND										

**Table 13**  
**TP-13 Soil Sample Analytical Results Summary**  
**Fairfield Aggregate Recycling Facility**  
**Richard Wright Way, Fairfield, CT**  
**July 2020**

Station Name	Units	GB PMC	I/C DEC	R DEC	TP-13 (100-110)(0-5)-C	TP-13 (100-110)(5-10)-C	TP-13 (100-110)(10-15)-C	TP-13 (100-110)(15-20)-C	TP-13 (110-120)(0-5)-C	TP-13 (110-120)(5-10)-C	TP-13 (110-120)(10-15)-C	TP-13 (110-120)(15-20)-C
Sample Date					6/19/2020	6/19/2020	6/19/2020	6/19/2020	6/19/2020	6/19/2020	6/19/2020	6/19/2020
Parent Sample												
<b>Metals (SW-846 6010D)</b>												
Antimony	mg/kg		8,200	27	ND <1.8	ND <1.9	ND <1.9	ND <1.9	ND <1.8	ND <1.8	ND <1.9	ND <1.9
Arsenic	mg/kg		10	10	ND <3.6	ND <3.8	ND <3.7	<b>3.9</b>	ND <3.7	ND <3.6	ND <3.8	<b>3.8</b>
Barium	mg/kg		140,000	4,700	<b>61</b>	<b>64</b>	<b>59</b>	<b>64</b>	<b>68</b>	<b>55</b>	<b>64</b>	<b>74</b>
Beryllium	mg/kg		2	2	<b>0.36</b>	<b>0.44</b>	<b>0.4</b>	<b>0.44</b>	<b>0.4</b>	<b>0.34</b>	<b>0.43</b>	<b>0.49</b>
Cadmium	mg/kg		1,000	34	ND <0.36	ND <0.38	ND <0.37	ND <0.38	<b>0.76</b>	ND <0.36	ND <0.38	ND <0.38
Chromium	mg/kg		100	100	<b>17</b>	<b>19</b>	<b>16</b>	<b>17</b>	<b>18</b>	<b>17</b>	<b>16</b>	<b>21</b>
Copper	mg/kg		76,000	2,500	<b>27</b>	<b>28</b>	<b>31</b>	<b>29</b>	<b>48</b>	<b>28</b>	<b>26</b>	<b>24</b>
Lead	mg/kg		1,000	400	<b>24</b>	<b>28</b>	<b>32</b>	<b>27</b>	<b>69</b>	<b>34</b>	<b>26</b>	<b>32</b>
Nickel	mg/kg		7,500	1,400	<b>12</b>	<b>14</b>	<b>12</b>	<b>12</b>	<b>18</b>	<b>12</b>	<b>12</b>	<b>12</b>
Selenium	mg/kg		10,000	340	ND <3.6	ND <3.8	ND <3.7	ND <3.8	ND <3.7	ND <3.6	ND <3.8	ND <3.8
Silver	mg/kg		10,000	340	ND <0.36	ND <0.38	ND <0.37	ND <0.38	ND <0.37	ND <0.36	ND <0.38	<b>12</b>
Thallium	mg/kg		160	5.4	ND <1.8	ND <1.9	ND <1.9	ND <1.9	ND <1.8	ND <1.8	ND <1.9	ND <1.9
Vanadium	mg/kg		14,000	470	<b>41</b>	<b>40</b>	<b>38</b>	<b>37</b>	<b>34</b>	<b>40</b>	<b>41</b>	<b>35</b>
Zinc	mg/kg		610,000	20,000	<b>52</b>	<b>60</b>	<b>82</b>	<b>60</b>	<b>180</b>	<b>61</b>	<b>66</b>	<b>62</b>
<b>Metals (SW-846 7471B)</b>												
Mercury	mg/kg		610	20	ND <0.027	ND <0.028	ND <0.027	ND <0.029	<b>0.074</b>	<b>0.035</b>	ND <0.028	ND <0.028
<b>Semi-VOAs (SW-846 8270D-E)</b>												
2-Methylnaphthalene	ug/kg	5,600	1,000,000	270,000	ND <920	ND <950	ND <940	ND <950	ND <940	ND <750	ND <950	ND <780
Acenaphthene	ug/kg	84,000	2,500,000	1,000,000	ND <920	ND <950	ND <940	ND <950	ND <940	ND <750	ND <950	ND <780
Acenaphthylene	ug/kg	84,000	2,500,000	1,000,000	ND <920	ND <950	ND <940	ND <950	ND <940	ND <750	ND <950	ND <780
Anthracene	ug/kg	400,000	2,500,000	1,000,000	ND <920	ND <950	ND <940	ND <950	ND <940	ND <750	ND <950	ND <780
Benzo(a)anthracene	ug/kg	1,000	7,800	1,000	<b>1,400</b>	<b>1,700</b>	ND <940	<b>1,100</b>	<b>1,700</b>	<b>1,900</b>	<b>1,300</b>	<b>960</b>
Benzo(a)pyrene	ug/kg	1,000	1,000	1,000	<b>1,500</b>	<b>1,900</b>	ND <940	<b>1,200</b>	<b>1,800</b>	<b>2,100</b>	<b>1,500</b>	<b>1,100</b>
Benzo(b)fluoranthene	ug/kg	1,000	7,800	1,000	<b>2,100</b>	<b>2,400</b>	<b>1,200</b>	<b>1,600</b>	<b>2,400</b>	<b>2,800</b>	<b>1,800</b>	<b>1,300</b>
Benzo(g,h)perylene	ug/kg	1,000	78,000	8,400	<b>990</b>	<b>1,300</b>	ND <940	ND <950	ND <940	<b>1,400</b>	ND <950	<b>850</b>
Benzo(k)fluoranthene	ug/kg	1,000	78,000	8,400	ND <920	ND <950	ND <940	ND <950	<b>950</b>	<b>1,100</b>	ND <950	ND <780
Chrysene	ug/kg	1,000	780,000	8,400	<b>1,400</b>	<b>1,700</b>	ND <940	<b>1,100</b>	<b>1,800</b>	<b>2,100</b>	<b>1,400</b>	<b>1,100</b>
Dibenz(a,h)anthracene	ug/kg	1,000	1,000	1,000	ND <920	ND <950	ND <940	ND <950	ND <940	ND <750	ND <950	ND <780
Fluoranthene	ug/kg	56,000	2,500,000	1,000,000	<b>2,800</b>	<b>2,900</b>	<b>1,500</b>	<b>2,000</b>	<b>2,800</b>	<b>3,300</b>	<b>2,300</b>	<b>2,000</b>
Fluorene	ug/kg	56,000	2,500,000	1,000,000	ND <920	ND <950	ND <940	ND <950	ND <940	ND <750	ND <950	ND <780
Indeno(1,2,3-cd)pyrene	ug/kg	1,000	7,800	1,000	<b>1,000</b>	<b>1,600</b>	ND <940	ND <950	<b>1,100</b>	<b>1,600</b>	<b>990</b>	<b>950</b>
Naphthalene	ug/kg	56,000	2,500,000	1,000,000	ND <920	ND <950	ND <940	ND <950	ND <940	ND <750	ND <950	ND <780
Phenanthrene	ug/kg	40,000	2,500,000	1,000,000	<b>1,100</b>	<b>960</b>	ND <940	<b>1,100</b>	<b>1,200</b>	<b>1,600</b>	<b>1,300</b>	<b>1,100</b>
Pyrene	ug/kg	40,000	2,500,000	1,000,000	<b>2,700</b>	<b>3,500</b>	<b>2,000</b>	<b>2,500</b>	<b>3,600</b>	<b>4,200</b>	<b>3,100</b>	<b>2,100</b>
Total PAHs					<b>14,990</b>	<b>17,860</b>	<b>12,700</b>	<b>10,600</b>	<b>17,350</b>	<b>22,100</b>	<b>13,690</b>	<b>11,460</b>
<b>PCBs (SW-846 8082A)</b>												
Aroclor-1016	mg/kg	-	-	-	ND <0.086	ND <0.084	ND <1.7	ND <0.086	ND <0.084	ND <0.086	ND <0.089	ND <0.45
Aroclor-1221	mg/kg	-	-	-	ND <0.086	ND <0.084	ND <1.7	ND <0.086	ND <0.084	ND <0.086	ND <0.089	ND <0.45
Aroclor-1232	mg/kg	-	-	-	ND <0.086	ND <0.084	ND <1.7	ND <0.086	ND <0.084	ND <0.086	ND <0.089	ND <0.45
Aroclor-1242	mg/kg	-	-	-	ND <0.086	ND <0.084	ND <1.7	ND <0.086	ND <0.084	ND <0.086	ND <0.089	ND <0.45
Aroclor-1248	mg/kg	-	-	-	ND <0.086	ND <0.084	<b>8.0</b>	ND <0.086	<b>0.51</b>	<b>0.17</b>	ND <0.089	ND <0.45
Aroclor-1254	mg/kg	-	-	-	ND <0.086	ND <0.084	<b>5.5</b>	<b>0.18</b>	<b>1.1</b>	<b>0.18</b>	<b>0.19</b>	ND <0.45
Aroclor-1260	mg/kg	-	-	-	ND <0.086	ND <0.084	<b>3.8</b>	<b>0.11</b>	<b>1.6</b>	<b>0.11</b>	<b>0.12</b>	ND <0.45
Aroclor-1262	mg/kg	-	-	-	ND <0.086	ND <0.084	ND <1.7	ND <0.086	ND <0.084	ND <0.086	ND <0.089	ND <0.45
Aroclor-1268	mg/kg	-	-	-	ND <0.086	ND <0.084	ND <1.7	ND <0.086	ND <0.084	ND <0.086	ND <0.089	ND <0.45
Total PCBs	mg/kg	-	10									

**Table 13**  
**TP-13 Soil Sample Analytical Results Summary**  
**Fairfield Aggregate Recycling Facility**  
**Richard Wright Way, Fairfield, CT**  
**July 2020**

Station Name	Units	GB PMC	I/C DEC	R DEC	TP-13 (120-130)(0-5)-C	TP-13 (120-130)(5-10)-C	TP-13 (120-130)(10-15)-C	TP-13 (120-130)(15-20)-C	TP-13 (130-140)(0-5)-C	TP-13 (130-140)(5-10)-C	TP-13 (130-140)(10-15)-C	TP-13 (130-140)(15-20)-C	TP-13 (140-150)(0-5)-C	
Sample Date					6/19/2020	6/19/2020	6/19/2020	6/19/2020	6/22/2020	6/22/2020	6/22/2020	6/22/2020	6/22/2020	
Parent Sample														
<b>Metals (SW-846 6010D)</b>														
Antimony	mg/kg	8,200	27	ND <1.8	ND <1.8	ND <1.8	ND <1.9	ND <1.8	ND <1.8	ND <1.8	ND <1.8	ND <1.8	ND <1.7	
Arsenic	mg/kg	10	10	ND <3.6	ND <3.6	ND <3.6	ND <3.8	ND <3.5	ND <3.7	ND <3.7	ND <3.6	ND <3.6	ND <3.5	
Barium	mg/kg	140,000	4,700	<b>51</b>	<b>60</b>	<b>71</b>	<b>61</b>	<b>44</b>	<b>55</b>	<b>59</b>	<b>61</b>	<b>42</b>		
Beryllium	mg/kg	2	2	<b>0.31</b>	<b>0.37</b>	<b>0.47</b>	<b>0.46</b>	<b>0.33</b>	<b>0.38</b>	<b>0.44</b>	<b>0.45</b>	<b>0.34</b>		
Cadmium	mg/kg	1,000	34	ND <0.36	ND <0.36	ND <0.37	ND <0.38	ND <0.35	ND <0.37	ND <0.37	ND <0.36	ND <0.35		
Chromium	mg/kg	100	100	<b>14</b>	<b>16</b>	<b>18</b>	<b>16</b>	<b>13</b>	<b>15</b>	<b>18</b>	<b>18</b>	<b>17</b>		
Copper	mg/kg	76,000	2,500	<b>27</b>	<b>28</b>	<b>27</b>	<b>24</b>	<b>26</b>	<b>25</b>	<b>32</b>	<b>28</b>	<b>27</b>		
Lead	mg/kg	1,000	400	<b>28</b>	<b>23</b>	<b>22</b>	<b>27</b>	<b>19</b>	<b>26</b>	<b>48</b>	<b>24</b>	<b>24</b>		
Nickel	mg/kg	7,500	1,400	<b>13</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>12</b>	<b>12</b>		
Selenium	mg/kg	10,000	340	ND <3.6	ND <3.6	ND <3.7	ND <3.8	ND <3.5	ND <3.7	ND <3.7	ND <3.6	ND <3.5		
Silver	mg/kg	10,000	340	ND <0.36	ND <0.36	ND <0.37	ND <0.38	<b>0.46</b>	<b>0.72</b>	<b>0.62</b>	<b>0.6</b>	<b>0.53</b>		
Thallium	mg/kg	160	5.4	ND <1.8	ND <1.8	ND <1.8	ND <1.9	ND <1.8	ND <1.8	ND <1.8	ND <1.8	ND <1.7		
Vanadium	mg/kg	14,000	470	<b>44</b>	<b>43</b>	<b>38</b>	<b>38</b>	<b>44</b>	<b>40</b>	<b>40</b>	<b>37</b>	<b>46</b>		
Zinc	mg/kg	610,000	20,000	<b>63</b>	<b>60</b>	<b>56</b>	<b>54</b>	<b>43</b>	<b>51</b>	<b>71</b>	<b>55</b>	<b>48</b>		
<b>Metals (SW-846 7471B)</b>														
Mercury	mg/kg	610	20	ND <0.027	ND <0.028	ND <0.027	ND <0.028	ND <0.026	<b>0.03</b>	<b>0.03</b>	ND <0.029	<b>0.033</b>		
<b>Semi-VOAs (SW-846 8270D-E)</b>														
2-Methylnaphthalene	ug/kg	5,600	1,000,000	270,000	ND <920	ND <940	ND <760	ND <380	ND <1,900	ND <950	ND <940	ND <920		
Acenaphthene	ug/kg	84,000	2,500,000	1,000,000	ND <920	ND <940	<b>1,500</b>	ND <380	ND <1,900	ND <950	ND <940	ND <920		
Acenaphthylene	ug/kg	84,000	2,500,000	1,000,000	ND <920	ND <940	ND <760	ND <380	ND <1,900	ND <950	ND <940	ND <920		
Anthracene	ug/kg	400,000	2,500,000	1,000,000	ND <920	ND <940	<b>1,900</b>	ND <380	ND <1,900	ND <950	<b>1,100</b>	ND <920		
Benz(a)anthracene	ug/kg	1,000	7,800	1,000	<b>1,100</b>	<b>1,500</b>	<b>3,400</b>	<b>1,400</b>	ND <1,900	<b>1,400</b>	<b>4,800</b>	<b>2,500</b>		
Benz(a)pyrene	ug/kg	1,000	1,000	1,000	<b>1,400</b>	<b>1,600</b>	<b>2,200</b>	<b>1,400</b>	<b>1,800</b>	ND <1,900	<b>1,400</b>	<b>4,400</b>	<b>2,700</b>	
Benz(b)fluoranthene	ug/kg	1,000	7,800	1,000	<b>1,800</b>	<b>2,000</b>	<b>2,600</b>	<b>1,800</b>	<b>2,400</b>	<b>2,200</b>	<b>1,800</b>	<b>5,700</b>	<b>3,500</b>	
Benz(g,h,i)perylene	ug/kg	1,000	78,000	8,400	<b>1,500</b>	<b>1,400</b>	<b>1,100</b>	<b>900</b>	ND <1,900	ND <1,900	<b>3,000</b>	<b>1,800</b>		
Benz(k)fluoranthene	ug/kg	1,000	78,000	8,400	ND <920	ND <940	<b>1,100</b>	<b>640</b>	ND <1,900	ND <1,900	<b>2,100</b>	<b>1,300</b>		
Chrysene	ug/kg	1,000	78,000	8,400	<b>1,300</b>	<b>1,600</b>	<b>3,000</b>	<b>1,500</b>	<b>1,900</b>	ND <1,900	<b>1,500</b>	<b>5,000</b>	<b>2,900</b>	
Dibenz(a,h)anthracene	ug/kg	1,000	1,000	1,000	ND <920	ND <940	ND <760	ND <380	ND <1,900	ND <1,900	ND <950	ND <940	ND <920	
Fluoranthene	ug/kg	56,000	2,500,000	1,000,000	<b>2,000</b>	<b>3,000</b>	<b>8,100</b>	<b>2,900</b>	<b>3,300</b>	<b>3,100</b>	<b>2,600</b>	<b>10,000</b>	<b>5,200</b>	
Fluorene	ug/kg	56,000	2,500,000	1,000,000	ND <920	ND <940	<b>1,600</b>	ND <380	ND <1,900	ND <1,900	ND <950	ND <940	ND <920	
Indeno(1,2,3-cd)pyrene	ug/kg	1,000	7,800	1,000	<b>1,500</b>	<b>1,500</b>	<b>1,200</b>	<b>1,100</b>	ND <1,900	ND <1,900	<b>1,000</b>	<b>3,200</b>	<b>1,900</b>	
Naphthalene	ug/kg	56,000	2,500,000	1,000,000	ND <920	ND <940	ND <760	ND <380	ND <1,900	ND <1,900	ND <950	ND <940	ND <920	
Phenanthrene	ug/kg	40,000	2,500,000	1,000,000	ND <920	<b>1,600</b>	<b>5,800</b>	<b>1,400</b>	ND <1,900	ND <1,900	<b>1,200</b>	<b>5,800</b>	<b>2,600</b>	
Pyrene	ug/kg	40,000	2,500,000	1,000,000	<b>2,400</b>	<b>3,300</b>	<b>9,100</b>	<b>3,400</b>	<b>3,800</b>	<b>3,600</b>	<b>3,300</b>	<b>11,000</b>	<b>6,400</b>	
Total PAHs					<b>13,000</b>	<b>17,500</b>	<b>42,600</b>	<b>16,440</b>	<b>13,300</b>	<b>8,900</b>	<b>14,300</b>	<b>56,100</b>	<b>30,800</b>	
<b>PCBs (SW-846 8082A)</b>														
Aroclor-1016	mg/kg	-	-	-	ND <0.087	ND <0.088	ND <0.087	ND <0.089	ND <0.084	ND <0.089	ND <0.09	ND <0.088	ND <0.086	
Aroclor-1221	mg/kg	-	-	-	ND <0.087	ND <0.088	ND <0.087	ND <0.089	ND <0.084	ND <0.089	ND <0.09	ND <0.088	ND <0.086	
Aroclor-1232	mg/kg	-	-	-	ND <0.087	ND <0.088	ND <0.087	ND <0.089	ND <0.084	ND <0.089	ND <0.09	ND <0.088	ND <0.086	
Aroclor-1242	mg/kg	-	-	-	ND <0.087	ND <0.088	ND <0.087	ND <0.089	ND <0.084	ND <0.089	ND <0.09	ND <0.088	ND <0.086	
Aroclor-1248	mg/kg	-	-	-	ND <0.087	ND <0.088	ND <0.087	ND <0.089	ND <0.084	ND <0.089	ND <0.09	ND <0		

**Table 13**  
**TP-13 Soil Sample Analytical Results Summary**  
**Fairfield Aggregate Recycling Facility**  
**Richard Wright Way, Fairfield, CT**  
**July 2020**

Station Name	Units	GB PMC	I/C DEC	R DEC	TP-13 (140-150)(5-10)-C	TP-13 (140-150)(10-15)-C	TP-13 (140-150)(15-20)-C	TP-13 (150-160)(0-5)-C	TP-13 (150-160)(5-10)-C	TP-13 (150-160)(10-15)-C	TP-13 (150-160)(15-20)-C	TP-13 (160-170)(0-5)-C	TP-13 (160-170)(5-10)-C
Sample Date					6/22/2020	6/22/2020	6/22/2020	6/22/2020	6/22/2020	6/22/2020	6/22/2020	6/22/2020	6/22/2020
Parent Sample													
<b>Metals (SW-846 6010D)</b>													
Antimony	mg/kg	8,200	27	ND < 1.8	ND < 1.8	ND < 1.8	ND < 1.8	ND < 1.7	ND < 1.8	ND < 1.9	ND < 1.7	ND < 1.8	ND < 1.8
Arsenic	mg/kg	10	10	ND < 3.6	ND < 3.5	3.7	ND < 3.5	ND < 3.5	ND < 3.5	4	ND < 3.5	ND < 3.5	ND < 3.6
Barium	mg/kg	140,000	4,700	53	59	63	48	72	69	80	150	58	58
Beryllium	mg/kg	2	2	0.36	0.46	0.47	0.34	0.42	0.44	0.55	0.38	0.38	0.38
Cadmium	mg/kg	1,000	34	ND < 0.36	ND < 0.35	0.39	ND < 0.35	ND < 0.35	ND < 0.36	ND < 0.38	ND < 0.35	1.1	1.1
Chromium	mg/kg	100	100	16	18	18	14	18	19	20	17	17	17
Copper	mg/kg	76,000	2,500	30	31	57	30	37	33	34	29	35	35
Lead	mg/kg	1,000	400	31	30	42	22	89	35	31	28	38	38
Nickel	mg/kg	7,500	1,400	13	13	16	12	16	14	14	12	14	14
Selenium	mg/kg	10,000	340	ND < 3.6	ND < 3.5	ND < 3.6	ND < 3.5	ND < 3.5	ND < 3.6	ND < 3.8	ND < 3.5	ND < 3.6	ND < 3.6
Silver	mg/kg	10,000	340	0.57	0.67	0.72	0.57	0.67	0.66	0.61	0.56	0.63	0.63
Thallium	mg/kg	160	5.4	ND < 1.8	ND < 1.8	ND < 1.8	ND < 1.8	ND < 1.7	ND < 1.8	ND < 1.9	ND < 1.7	ND < 1.8	ND < 1.8
Vanadium	mg/kg	14,000	470	42	41	42	47	44	37	44	44	42	42
Zinc	mg/kg	610,000	20,000	70	81	120	48	110	89	90	72	96	96
<b>Metals (SW-846 7471B)</b>													
Mercury	mg/kg	610	20	0.035	0.043	0.079	0.031	0.056	0.049	0.044	0.038	0.038	0.054
<b>Semi-VOAs (SW-846 8270D-E)</b>													
2-Methylnaphthalene	ug/kg	5,600	1,000,000	270,000	ND < 920	ND < 950	ND < 950	ND < 910	ND < 930	ND < 760	ND < 900	ND < 940	ND < 940
Acenaphthene	ug/kg	84,000	2,500,000	1,000,000	ND < 920	ND < 950	ND < 950	ND < 910	ND < 930	ND < 760	ND < 900	ND < 940	ND < 940
Acenaphthylene	ug/kg	84,000	2,500,000	1,000,000	ND < 920	ND < 950	ND < 950	ND < 910	ND < 930	ND < 760	ND < 900	ND < 940	ND < 940
Anthracene	ug/kg	400,000	2,500,000	1,000,000	ND < 920	ND < 950	ND < 950	ND < 910	ND < 930	ND < 760	ND < 900	ND < 940	ND < 940
Benz(a)anthracene	ug/kg	1,000	7,800	1,000	2,100	2,600	1,700	2,400	2,300	3,400	1,600	1,400	2,200
Benz(a)pyrene	ug/kg	1,000	1,000	1,000	2,300	2,700	1,700	2,100	2,200	2,800	1,600	1,400	2,000
Benz(b)fluoranthene	ug/kg	1,000	7,800	1,000	2,800	3,200	2,200	3,000	2,800	3,900	2,000	2,000	3,000
Benz(g,h,i)perylene	ug/kg	1,000	78,000	8,400	1,300	1,600	ND < 950	1,000	ND < 930	1,500	800	ND < 900	990
Benz(k)fluoranthene	ug/kg	1,000	78,000	8,400	1,100	1,300	ND < 950	1,200	1,400	1,700	ND < 760	ND < 900	1,100
Chrysene	ug/kg	1,000	78,000	8,400	2,200	2,600	1,800	2,600	2,300	3,300	1,600	1,500	2,400
Dibenz(a,h)anthracene	ug/kg	1,000	1,000	1,000	ND < 920	ND < 950	ND < 950	ND < 910	ND < 930	ND < 760	ND < 900	ND < 940	ND < 940
Fluoranthene	ug/kg	56,000	2,500,000	1,000,000	4,100	4,900	3,300	4,600	4,500	6,000	2,800	2,400	4,200
Fluorene	ug/kg	56,000	2,500,000	1,000,000	ND < 920	ND < 950	ND < 950	ND < 910	ND < 930	ND < 760	ND < 900	ND < 940	ND < 940
Indeno(1,2,3-cd)pyrene	ug/kg	1,000	7,800	1,000	1,500	1,800	ND < 950	1,100	1,100	1,600	810	ND < 900	1,100
Naphthalene	ug/kg	56,000	2,500,000	1,000,000	ND < 920	ND < 950	ND < 950	ND < 910	ND < 930	ND < 760	ND < 900	ND < 940	ND < 940
Phenanthrene	ug/kg	40,000	2,500,000	1,000,000	2,200	2,500	2,200	3,500	3,300	3,100	1,700	1,300	2,800
Pyrene	ug/kg	40,000	2,500,000	1,000,000	5,500	5,800	4,200	5,700	5,500	7,100	3,500	2,800	4,800
Total PAHs				25,100	29,000	17,200	27,200	25,400	34,400	16,310	12,900	24,690	
<b>PCBs (SW-846 8082A)</b>													
Aroclor-1016	mg/kg	-	-	-	ND < 0.087	ND < 0.087	ND < 0.088	ND < 0.086	ND < 0.087	ND < 0.089	ND < 0.091	ND < 0.085	ND < 0.087
Aroclor-1221	mg/kg	-	-	-	ND < 0.087	ND < 0.087	ND < 0.088	ND < 0.086	ND < 0.087	ND < 0.089	ND < 0.091	ND < 0.085	ND < 0.087
Aroclor-1232	mg/kg	-	-	-	ND < 0.087	ND < 0.087	ND < 0.088	ND < 0.086	ND < 0.087	ND < 0.089	ND < 0.091	ND < 0.085	ND < 0.087
Aroclor-1242	mg/kg	-	-	-	ND < 0.087	ND < 0.087	ND < 0.088	ND < 0.086	ND < 0.087	ND < 0.089	ND < 0.091	ND < 0.085	ND < 0.087
Aroclor-1248	mg/kg	-	-	-	ND < 0.087	0.17	0.40	ND < 0.086	0.37	0.41	0.31	0.25	0.27
Aroclor-1254	mg/kg	-	-	-	0.30	0.45	0.72	0.17	0.59	0.57	0.51	0.50	0.47
Aroclor-1260	mg/kg	-	-	-	0.20	0.37	0.45	ND < 0.086	0.54	0.52	0.51	0.11	0.3
Aroclor-1262	mg/kg	-	-	-	ND < 0.087	ND < 0.087	ND < 0.088	ND < 0.086	ND < 0.087	ND < 0.089	ND < 0.091	ND < 0.085	ND < 0.087
Aroclor-1268	mg/kg	-	-	-	ND < 0.087	ND < 0.087	ND < 0.088	ND < 0.086	ND < 0.087	ND			

**Table 13**  
**TP-13 Soil Sample Analytical Results Summary**  
**Fairfield Aggregate Recycling Facility**  
**Richard Wright Way, Fairfield, CT**  
**July 2020**

Station Name	Units	GB PMC	I/C DEC	R DEC	TP-13 (160-170)(10-15)-C	TP-13 (160-170)(15-20)-C	TP-13 (170-180)(0-5)-C	TP-13 (170-180)(5-10)-C	TP-13 (170-180)(10-15)-C	TP-13 (170-180)(15-20)-C	TP-13 (180-190)(0-5)-C	TP-13 (180-190)(5-10)-C	TP-13 (180-190)(10-15)-C
Sample Date					6/22/2020	6/22/2020	6/22/2020	6/22/2020	6/22/2020	6/22/2020	6/22/2020	6/22/2020	6/22/2020
Parent Sample													
<b>Metals (SW-846 6010D)</b>													
Antimony	mg/kg	8,200	27	ND <1.8	ND <1.9	ND <1.8	ND <1.8	ND <1.7	ND <1.7	ND <1.8	ND <1.8	ND <1.7	ND <1.7
Arsenic	mg/kg	10	10	ND <3.6	ND <3.7	ND <3.6	ND <3.5	ND <3.5	ND <3.5	ND <3.6	ND <3.6	ND <3.6	ND <3.4
Barium	mg/kg	140,000	4,700	71	74	62	64	59	70	63	69		
Beryllium	mg/kg	2	2	0.43	0.46	0.45	0.5	0.45	0.45	0.47	0.44	0.48	
Cadmium	mg/kg	1,000	34	0.36	ND <0.37	ND <0.36	ND <0.35	ND <0.35	ND <0.35	0.37	ND <0.36	ND <0.34	
Chromium	mg/kg	100	100	18	19	17	17	16	18	18	19		
Copper	mg/kg	76,000	2,500	40	35	28	33	35	30	31	32		
Lead	mg/kg	1,000	400	47	41	26	29	25	24	31	31		
Nickel	mg/kg	7,500	1,400	16	15	12	12	12	13	12	16		
Selenium	mg/kg	10,000	340	ND <3.6	ND <3.7	ND <3.6	ND <3.5	ND <3.5	ND <3.5	ND <3.6	ND <3.6	ND <3.4	
Silver	mg/kg	10,000	340	0.74	0.88	ND <0.36	ND <0.35	ND <0.35	ND <0.35	ND <0.36	ND <0.36	ND <0.34	
Thallium	mg/kg	160	5.4	ND <1.8	ND <1.9	ND <1.8	ND <1.8	ND <1.7	ND <1.7	ND <1.8	ND <1.7		
Vanadium	mg/kg	14,000	470	42	37	39	35	37	36	38	35	36	
Zinc	mg/kg	610,000	20,000	130	110	100	66	88	89	81	190	100	
<b>Metals (SW-846 7471B)</b>													
Mercury	mg/kg	610	20	0.074	0.05	0.038	0.035	0.045	0.034	0.093	0.05	0.07	
<b>Semi-VOAs (SW-846 8270D-E)</b>													
2-Methylnaphthalene	ug/kg	5,600	1,000,000	270,000	ND <930	390	ND <370	ND <730	ND <370	ND <930	ND <950	ND <900	
Acenaphthene	ug/kg	84,000	2,500,000	1,000,000	ND <930	1,900	ND <370	ND <730	ND <370	ND <930	ND <950	ND <900	
Acenaphthylene	ug/kg	84,000	2,500,000	1,000,000	ND <930	ND <390	ND <370	ND <730	ND <370	ND <930	ND <950	ND <900	
Anthracene	ug/kg	400,000	2,500,000	1,000,000	ND <930	2,900	ND <370	ND <730	ND <370	500	ND <930	ND <900	
Benz(a)anthracene	ug/kg	1,000	7,800	1,000	1,400	9,500	1,400	1,200	1,200	1,500	1,400	1,100	
Benz(a)pyrene	ug/kg	1,000	1,000	1,000	1,400	8,000	1,300	1,200	1,200	1,300	1,400	1,100	
Benz(b)fluoranthene	ug/kg	1,000	7,800	1,000	1,900	12,000	1,900	1,800	1,700	1,800	1,900	1,400	
Benz(g,h,i)perylene	ug/kg	1,000	78,000	8,400	ND <930	4,000	1,200	1,200	620	710	1,100	ND <950	1,000
Benz(k)fluoranthene	ug/kg	1,000	78,000	8,400	ND <930	4,700	780	730	680	890	ND <930	ND <950	ND <900
Chrysene	ug/kg	1,000	78,000	8,400	1,500	11,000	1,500	1,300	1,400	1,500	1,500	1,100	1,100
Dibenz(a,h)anthracene	ug/kg	1,000	1,000	1,000	ND <930	1,200	ND <370	ND <730	ND <370	ND <370	ND <930	ND <950	ND <900
Fluoranthene	ug/kg	56,000	2,500,000	1,000,000	2,500	22,000	2,400	2,100	2,100	2,900	3,300	2,100	2,400
Fluorene	ug/kg	56,000	2,500,000	1,000,000	ND <930	2,500	ND <370	ND <730	ND <370	380	ND <930	ND <950	ND <900
Indeno(1,2,3-cd)pyrene	ug/kg	1,000	7,800	1,000	ND <930	4,600	1,200	1,100	580	760	1,300	1,100	980
Naphthalene	ug/kg	56,000	2,500,000	1,000,000	ND <930	770	ND <370	ND <730	ND <370	ND <370	ND <930	ND <950	ND <900
Phenanthrene	ug/kg	40,000	2,500,000	1,000,000	1,500	20,000	1,200	1,400	1,100	2,600	2,500	1,200	1,800
Pyrene	ug/kg	40,000	2,500,000	1,000,000	3,000	23,000	2,900	2,600	2,600	3,100	3,300	2,600	2,600
Total PAHs					13,200	128,460	15,780	14,630	13,180	17,840	17,700	11,600	13,480
<b>PCBs (SW-846 8082A)</b>													
Aroclor-1016	mg/kg	-	-	-	ND <0.087	ND <0.09	ND <0.088	ND <0.086	ND <0.088	ND <0.086	ND <0.088	ND <0.084	ND <0.084
Aroclor-1221	mg/kg	-	-	-	ND <0.087	ND <0.09	ND <0.088	ND <0.086	ND <0.088	ND <0.086	ND <0.088	ND <0.084	ND <0.084
Aroclor-1232	mg/kg	-	-	-	ND <0.087	ND <0.09	ND <0.088	ND <0.086	ND <0.088	ND <0.086	ND <0.088	ND <0.084	ND <0.084
Aroclor-1242	mg/kg	-	-	-	ND <0.087	ND <0.09	ND <0.088	ND <0.086	ND <0.088	ND <0.086	ND <0.088	ND <0.084	ND <0.084
Aroclor-1248	mg/kg	-	-	-	0.38	0.4	ND <0.088	ND <0.086	ND <0.088	ND <0.086	ND <0.088	ND <0.084	ND <0.084
Aroclor-1254	mg/kg	-	-	-	0.55	0.53	0.17	ND <0.086	0.17	0.18	0.27	0.24	0.19
Aroclor-1260	mg/kg	-	-	-	0.52	0.47	0.098	0.10	ND <0.086	ND <0.086	0.15	0.13	0.10
Aroclor-1262	mg/kg	-	-	-	ND <0.087	ND <0.09	ND <0.088	ND <0.086	ND <0.088	ND <0.086	ND <0.084	ND <0.084	ND <0.084
Aroclor-1268	mg/kg	-	-	-	ND <0.087	ND <0.09	ND <0.088	ND <0.086	ND <0.088	ND <0.086	ND <0.088	ND <0.084	ND <0.084
Total PCBs	mg/kg	-	10	1	1.45	1.4	0.27	0.10	0.17	0.18	0.42	0.37	0.29
Total PCBs (comp)	mg/kg	-	10	1	5.8	5.6	1.07	0.40	0.68	0.72	1.68	1.48	1.16
<b>ETPH (CTDEP ETPH)</b>													
CT ETPH	mg/kg	2,500	2,500	500	1,400	1,300	1,200	1,100	1,100	1,000	630	740	1,100
<b>Other (SM 2540G)</b> </													

**Table 13**  
**TP-13 Soil Sample Analytical Results Summary**  
**Fairfield Aggregate Recycling Facility**  
**Richard Wright Way, Fairfield, CT**  
**July 2020**

Station Name	Units	GB PMC	I/C DEC	R DEC	TP-13 (180-190)(15-20)-C	TP-13 (190-200)(0-5)-C	TP-13 (190-200)(5-10)-C	TP-13 (190-200/10-15)-C	TP-13 (190-200)(15-20)-C	Dup-23-C	DUP-24-C	DUP-25-C	DUP-26-C
Sample Date					6/22/2020	6/22/2020	6/22/2020	6/22/2020	6/22/2020	6/18/2020	6/19/2020	6/22/2020	6/22/2020
Parent Sample										TP-13 (0-10)(10-15)	TP-13 (70-80)(5-10)	TP-13 (130-140)(15-20)	TP-13 (170-180)(10-15)
<b>Metals (SW-846 6010D)</b>													
Antimony	mg/kg	8,200	27	ND <1.8	ND <1.8	ND <1.8	ND <2.0	ND <1.8	ND <1.9	ND <1.9	ND <1.8	ND <1.9	ND <1.9
Arsenic	mg/kg	10	10	ND <3.7	ND <3.6	ND <3.6	<b>6.7</b>	ND <3.6	<b>6.6</b>	ND <3.8	ND <3.7	ND <3.7	ND <3.7
Barium	mg/kg	140,000	4,700	<b>64</b>	<b>70</b>	<b>68</b>	<b>60</b>	<b>59</b>	<b>42</b>	<b>70</b>	<b>55</b>	<b>62</b>	
Beryllium	mg/kg	2	2	<b>0.41</b>	<b>0.51</b>	<b>0.48</b>	<b>0.55</b>	<b>0.44</b>	<b>0.33</b>	<b>0.9</b>	<b>0.44</b>	<b>0.47</b>	
Cadmium	mg/kg	1,000	34	ND <0.37	ND <0.36	ND <0.36	ND <0.39	ND <0.36	ND <0.37	ND <0.38	ND <0.37	ND <0.37	ND <0.37
Chromium	mg/kg	100	100	<b>19</b>	<b>18</b>	<b>17</b>	<b>17</b>	<b>16</b>	<b>14</b>	<b>18</b>	<b>16</b>	<b>17</b>	
Copper	mg/kg	76,000	2,500	<b>26</b>	<b>37</b>	<b>28</b>	<b>26</b>	<b>25</b>	<b>33</b>	<b>23</b>	<b>24</b>	<b>29</b>	
Lead	mg/kg	1,000	400	<b>25</b>	<b>33</b>	<b>27</b>	<b>27</b>	<b>25</b>	<b>31</b>	<b>19</b>	<b>21</b>	<b>25</b>	
Nickel	mg/kg	7,500	1,400	<b>13</b>	<b>12</b>	<b>12</b>	<b>11</b>	<b>11</b>	<b>10</b>	<b>12</b>	<b>11</b>	<b>13</b>	
Selenium	mg/kg	10,000	340	ND <3.7	ND <3.6	ND <3.6	ND <3.9	ND <3.6	ND <3.7	ND <3.8	ND <3.7	ND <3.7	
Silver	mg/kg	10,000	340	ND <0.37	ND <0.36	ND <0.36	ND <0.39	ND <0.36	ND <0.37	ND <0.38	<b>2</b>	<b>2.3</b>	
Thallium	mg/kg	160	5.4	ND <1.8	ND <1.8	ND <1.8	ND <2.0	ND <1.8	ND <1.9	ND <1.9	ND <1.8	ND <1.9	
Vanadium	mg/kg	14,000	470	<b>36</b>	<b>37</b>	<b>33</b>	<b>34</b>	<b>30</b>	<b>36</b>	<b>30</b>	<b>40</b>	<b>41</b>	
Zinc	mg/kg	610,000	20,000	<b>180</b>	<b>90</b>	<b>91</b>	<b>130</b>	<b>96</b>	<b>70</b>	<b>58</b>	<b>65</b>	<b>79</b>	
<b>Metals (SW-846 7471B)</b>													
Mercury	mg/kg	610	20	<b>0.041</b>	<b>0.049</b>	<b>0.047</b>	<b>0.053</b>	<b>0.04</b>	<b>0.087</b>	ND <0.027	<b>0.052</b>	<b>0.045</b>	
<b>Semi-VOAs (SW-846 8270D-E)</b>													
2-Methylnaphthalene	ug/kg	5,600	1,000,000	270,000	ND <950	ND <940	ND <930	ND <1,000	ND <940	ND <960	ND <380	ND <950	ND <950
Acenaphthene	ug/kg	84,000	2,500,000	1,000,000	ND <950	ND <940	ND <930	ND <1,000	ND <940	ND <960	ND <380	ND <950	ND <950
Acenaphthylene	ug/kg	84,000	2,500,000	1,000,000	ND <950	ND <940	ND <930	ND <1,000	ND <940	ND <960	ND <380	ND <950	ND <950
Anthracene	ug/kg	400,000	2,500,000	1,000,000	ND <950	ND <940	<b>1,400</b>	ND <1,000	ND <940	ND <960	ND <380	ND <950	ND <950
Benz(a)anthracene	ug/kg	1,000	7,800	<b>1,000</b>	<b>1,100</b>	ND <940	<b>3,300</b>	<b>1,100</b>	<b>4,400</b>	<b>1,000</b>	ND <380	<b>1,500</b>	ND <950
Benz(a)pyrene	ug/kg	1,000	1,000	<b>1,000</b>	<b>1,100</b>	ND <940	<b>2,700</b>	<b>1,100</b>	<b>3,800</b>	<b>1,100</b>	<b>390</b>	<b>1,400</b>	ND <950
Benz(b)fluoranthene	ug/kg	1,000	7,800	<b>1,000</b>	<b>1,300</b>	<b>1,000</b>	<b>3,300</b>	<b>1,400</b>	<b>5,000</b>	<b>1,500</b>	<b>500</b>	<b>1,800</b>	<b>980</b>
Benz(g,h,i)perylene	ug/kg	1,000	78,000	8,400	ND <950	ND <940	<b>1,400</b>	ND <1,000	<b>2,000</b>	ND <960	ND <380	ND <950	ND <950
Benz(k)fluoranthene	ug/kg	1,000	78,000	8,400	ND <950	ND <940	<b>1,300</b>	ND <1,000	<b>1,900</b>	ND <960	ND <380	ND <950	ND <950
Chrysene	ug/kg	1,000	78,000	8,400	<b>1,200</b>	ND <940	<b>3,100</b>	<b>1,200</b>	<b>4,100</b>	<b>1,100</b>	ND <380	<b>1,600</b>	ND <950
Dibenz(a,h)anthracene	ug/kg	1,000	1,000	1,000	ND <950	ND <940	ND <930	ND <1,000	ND <940	ND <960	ND <380	ND <950	ND <950
Fluoranthene	ug/kg	56,000	2,500,000	1,000,000	<b>2,400</b>	<b>1,500</b>	<b>7,100</b>	<b>2,000</b>	<b>6,300</b>	<b>2,100</b>	<b>720</b>	<b>3,100</b>	<b>1,200</b>
Fluorene	ug/kg	56,000	2,500,000	1,000,000	ND <950	ND <940	ND <930	ND <1,000	ND <940	ND <960	ND <380	ND <950	ND <950
Indeno(1,2,3-cd)pyrene	ug/kg	1,000	7,800	1,000	<b>1,000</b>	ND <940	<b>1,700</b>	ND <1,000	<b>2,400</b>	ND <960	ND <380	<b>970</b>	ND <950
Naphthalene	ug/kg	56,000	2,500,000	1,000,000	ND <950	ND <940	ND <930	ND <1,000	ND <940	ND <960	ND <380	ND <950	ND <950
Phenanthrene	ug/kg	40,000	2,500,000	1,000,000	<b>1,300</b>	ND <940	<b>7,000</b>	<b>1,100</b>	<b>3,200</b>	ND <960	<b>440</b>	<b>2,000</b>	ND <950
Pyrene	ug/kg	40,000	2,500,000	1,000,000	<b>2,900</b>	<b>2,000</b>	<b>8,400</b>	<b>2,700</b>	<b>8,200</b>	<b>1,600</b>	<b>740</b>	<b>3,700</b>	<b>1,600</b>
Total PAHs					<b>12,300</b>	<b>4,500</b>	<b>40,700</b>	<b>10,600</b>	<b>41,400</b>	<b>8,700</b>	<b>2,790</b>	<b>16,170</b>	<b>3,780</b>
<b>PCBs (SW-846 8082A)</b>													
Aroclor-1016	mg/kg	-	-	-	ND <0.088	ND <0.085	ND <0.085	ND <0.095	ND <0.086	ND <0.087	ND <0.084	ND <0.089	ND <0.089
Aroclor-1221	mg/kg	-	-	-	ND <0.088	ND <0.085	ND <0.085	ND <0.095	ND <0.086	ND <0.087	ND <0.084	ND <0.089	ND <0.089
Aroclor-1232	mg/kg	-	-	-	ND <0.088	ND <0.085	ND <0.085	ND <0.095	ND <0.086	ND <0.087	ND <0.084	ND <0.089	ND <0.089
Aroclor-1242	mg/kg	-	-	-	ND <0.088	ND <0.085	ND <0.085	ND <0.095	ND <0.086	ND <0.087	ND <0.084	ND <0.089	ND <0.089
Aroclor-1248	mg/kg	-	-	-	ND <0.088	ND <0.085	ND <0.085	ND <0.095	ND <0.086	ND <0.087	ND <0.084	ND <0.089	ND <0.089
Aroclor-1254	mg/kg	-	-	-	<b>0.18</b>	<b>0.15</b>	<b>0.17</b>	<b>0.63</b>	<b>0.26</b>	ND <0.087	ND <0.084	<b>0.2</b>	<b>0.18</b>
Aroclor-1260	mg/kg	-	-	-	ND <0.088	ND <0.085	ND <0.085	ND <0.095	ND <0.086	ND <0.087	ND		

**Table 14**  
**TP-14 Soil Sample Analytical Data Summary**  
**Fairfield Aggregate Recycling Facility**  
**Richard Wright Way, Fairfield, CT**  
**July 2020**

Station Name	Units	GB PMC	I/C DEC	R DEC	TP-14 (0-10)(0-5)-C	TP-14 (0-10)(5-10)-C	TP-14 (0-10)(10-15)-C	TP-14 (0-10)(15-20)-C	TP-14 (0-10)(0-5)-C	TP-14 (10-20)(0-5)-C	TP-14 (10-20)(5-10)-C	TP-14 (10-20)(10-15)-C	TP-14 (10-20)(15-20)-C	TP-14 (20-30)(0-5)-C	TP-14 (20-30)(5-10)-C
Sample Date					6/22/2020	6/22/2020	6/22/2020	6/22/2020	6/22/2020	6/22/2020	6/22/2020	6/22/2020	6/22/2020	6/23/2020	6/23/2020
Parent Sample															
<b>Metals (SW-846 6010D)</b>															
Antimony	mg/kg	8,200	27	ND <2.0	ND <1.7	ND <2.1	ND <1.8	ND <1.8	ND <1.9	ND <1.9	ND <1.8	ND <1.8	ND <1.8	ND <1.9	ND <1.9
Arsenic	mg/kg	10	10	ND <3.9	<b>3.9</b>	<b>5.3</b>	<b>6</b>	<b>4.6</b>	<b>5.5</b>	ND <3.7	<b>4.2</b>	<b>3.6</b>	ND <3.9		
Barium	mg/kg	140,000	4,700	<b>66</b>	<b>68</b>	<b>72</b>	<b>56</b>	<b>56</b>	<b>55</b>	<b>66</b>	<b>67</b>	<b>50</b>	<b>57</b>		
Beryllium	mg/kg	2	2	<b>0.52</b>	<b>0.49</b>	<b>0.59</b>	<b>0.5</b>	<b>0.45</b>	<b>0.48</b>	<b>0.51</b>	<b>0.5</b>	<b>0.36</b>	<b>0.38</b>		
Cadmium	mg/kg	1,000	34	ND <0.39	ND <0.34	ND <0.41	ND <0.36	ND <0.36	ND <0.37	ND <0.37	ND <0.36	ND <0.36	ND <0.36	ND <0.39	
Chromium	mg/kg	100	100	<b>20</b>	<b>19</b>	<b>25</b>	<b>19</b>	<b>14</b>	<b>18</b>	<b>19</b>	<b>18</b>	<b>13</b>	<b>20</b>		
Copper	mg/kg	76,000	2,500	<b>29</b>	<b>27</b>	<b>48</b>	<b>30</b>	<b>23</b>	<b>220</b>	<b>29</b>	<b>27</b>	<b>31</b>	<b>35</b>		
Lead	mg/kg	1,000	400	<b>24</b>	<b>26</b>	<b>45</b>	<b>35</b>	<b>25</b>	<b>31</b>	<b>25</b>	<b>24</b>	<b>15</b>	<b>29</b>		
Nickel	mg/kg	7,500	1,400	<b>13</b>	<b>13</b>	<b>22</b>	<b>15</b>	<b>11</b>	<b>13</b>	<b>15</b>	<b>13</b>	<b>12</b>	<b>35</b>		
Selenium	mg/kg	10,000	340	ND <3.9	ND <3.4	ND <4.1	ND <3.6	ND <3.6	ND <3.7	ND <3.7	ND <3.6	ND <3.6	ND <3.9		
Silver	mg/kg	10,000	340	<b>2.5</b>	<b>2.6</b>	<b>3</b>	<b>2.3</b>	<b>2.2</b>	<b>2.7</b>	<b>2.5</b>	<b>2.5</b>	<b>1.3</b>	<b>1.2</b>		
Thallium	mg/kg	160	5.4	ND <2.0	ND <1.7	ND <2.1	ND <1.8	ND <1.8	ND <1.9	ND <1.9	ND <1.8	ND <1.8	ND <1.9		
Vanadium	mg/kg	14,000	470	<b>40</b>	<b>37</b>	<b>43</b>	<b>38</b>	<b>37</b>	<b>37</b>	<b>37</b>	<b>37</b>	<b>47</b>	<b>44</b>		
Zinc	mg/kg	610,000	20,000	<b>72</b>	<b>68</b>	<b>94</b>	<b>92</b>	<b>58</b>	<b>67</b>	<b>63</b>	<b>58</b>	<b>81</b>	<b>58</b>		
<b>Metals (SW-846 7471B)</b>															
Mercury	mg/kg	610	20	0.04	0.048	0.057	0.061	0.04	0.046	0.045	0.048	0.084	0.044		
<b>Semi-VOAs (SW-846 8270D-E)</b>															
2-Methylnaphthalene	ug/kg	5,600	1,000,000	270,000	ND <1,000	ND <930	ND <1,100	ND <910	ND <940	ND <970	ND <980	ND <930	ND <1,800	ND <2,000	
Acenaphthene	ug/kg	84,000	2,500,000	1,000,000	ND <1,000	ND <930	ND <1,100	ND <910	ND <940	ND <970	ND <980	ND <930	ND <1,800	ND <2,000	
Acenaphthylene	ug/kg	84,000	2,500,000	1,000,000	ND <1,000	ND <930	ND <1,100	ND <910	ND <940	ND <970	ND <980	ND <930	ND <1,800	ND <2,000	
Anthracene	ug/kg	400,000	2,500,000	1,000,000	ND <1,000	ND <930	ND <1,100	<b>1,500</b>	ND <940	ND <970	ND <980	ND <930	ND <1,800	ND <2,000	
Benzo(a)anthracene	ug/kg	1,000	7,800	1,000	<b>1,300</b>	<b>3,900</b>	ND <1,100	<b>5,900</b>	<b>1,700</b>	<b>2,100</b>	<b>3,300</b>	<b>1,600</b>	<b>2,500</b>	<b>2,600</b>	
Benzo(a)pyrene	ug/kg	1,000	1,000	1,000	<b>1,300</b>	<b>4,000</b>	ND <1,100	<b>4,800</b>	<b>1,700</b>	<b>2,000</b>	<b>2,800</b>	<b>1,700</b>	<b>2,600</b>	<b>2,600</b>	
Benzo(b)fluoranthene	ug/kg	1,000	7,800	1,000	<b>1,800</b>	<b>5,600</b>	ND <1,100	<b>6,700</b>	<b>2,300</b>	<b>2,700</b>	<b>3,800</b>	<b>2,400</b>	<b>3,600</b>	<b>3,100</b>	
Benzo(g,h,i)perylene	ug/kg	1,000	78,000	8,400	ND <1,000	<b>2,500</b>	ND <1,100	<b>2,500</b>	<b>970</b>	<b>1,100</b>	<b>1,400</b>	<b>1,200</b>	ND <1,800	ND <2,000	
Benzo(k)fluoranthene	ug/kg	1,000	78,000	8,400	ND <1,000	<b>2,100</b>	ND <1,100	<b>2,400</b>	ND <940	<b>1,100</b>	<b>1,800</b>	ND <930	ND <1,800	ND <2,000	
Chrysene	ug/kg	1,000	78,000	8,400	<b>1,500</b>	<b>4,600</b>	<b>1,100</b>	<b>6,200</b>	<b>1,800</b>	<b>2,200</b>	<b>3,400</b>	<b>1,900</b>	<b>2,800</b>	<b>2,700</b>	
Diben(z,a)anthracene	ug/kg	1,000	1,000	ND <1,000	ND <930	ND <1,100	ND <910	ND <940	ND <970	ND <980	ND <930	ND <1,800	ND <2,000		
Fluoranthene	ug/kg	56,000	2,500,000	1,000,000	<b>2,500</b>	<b>9,500</b>	<b>2,100</b>	<b>11,000</b>	<b>3,100</b>	<b>3,400</b>	<b>6,000</b>	<b>3,500</b>	<b>4,900</b>	<b>4,600</b>	
Fluorene	ug/kg	56,000	2,500,000	1,000,000	ND <1,000	ND <930	ND <1,100	<b>1,000</b>	ND <940	ND <970	ND <980	ND <930	ND <1,800	ND <2,000	
Indeno(1,2,3-cd)pyrene	ug/kg	1,000	7,800	1,000	ND <1,000	<b>3,000</b>	ND <1,100	<b>2,500</b>	<b>1,100</b>	<b>1,100</b>	<b>1,400</b>	<b>1,300</b>	<b>1,900</b>	ND <2,000	
Naphthalene	ug/kg	56,000	2,500,000	1,000,000	ND <1,000	ND <930	ND <1,100	ND <910	ND <940	ND <970	ND <980	ND <930	ND <1,800	ND <2,000	
Phenanthrene	ug/kg	40,000	2,500,000	1,000,000	<b>1,700</b>	<b>6,900</b>	<b>1,100</b>	<b>10,000</b>	<b>1,800</b>	<b>1,800</b>	<b>3,100</b>	<b>2,200</b>	<b>2,200</b>	<b>3,000</b>	
Pyrene	ug/kg	40,000	2,500,000	1,000,000	<b>2,800</b>	<b>9,600</b>	<b>2,200</b>	<b>14,000</b>	<b>3,500</b>	<b>4,100</b>	<b>6,900</b>	<b>3,700</b>	<b>5,600</b>	<b>5,600</b>	
Total PAHs	ug/kg	-	-	-	<b>12,900</b>	<b>51,700</b>	<b>6,500</b>	<b>68,500</b>	<b>18,070</b>	<b>21,600</b>	<b>33,900</b>	<b>19,500</b>	<b>26,100</b>	<b>24,500</b>	
<b>PCBs (SW-846 8082A)</b>															
Aroclor-1016	mg/kg	-	-	-	ND <0.092	ND <0.087	ND <0.09								

**Table 14**  
**TP-14 Soil Sample Analytical Data Summary**  
**Fairfield Aggregate Recycling Facility**  
**Richard Wright Way, Fairfield, CT**  
**July 2020**

Station Name	Units	GB PMC	I/C DEC	R DEC	TP-14 (20-30)(10-15)-C	TP-14 (20-30)(15-20)-C	TP-14 (30-40)(0-5)-C	TP-14 (30-40)(5-10)-C	TP-14 (30-40)(10-15)-C	TP-14 (30-40)(15-20)-C	TP-14 (40-50)(0-5)-C	TP-14 (40-50)(5-10)-C	TP-14 (40-50)(10-15)-C	TP-14 (40-50)(15-20)-C
Sample Date					6/23/2020	6/23/2020	6/23/2020	6/23/2020	6/23/2020	6/23/2020	6/23/2020	6/23/2020	6/23/2020	6/23/2020
Parent Sample														
<b>Metals (SW-846 6010D)</b>														
Antimony	mg/kg	8,200	27	ND <2.0	ND <2.0	ND <1.8	ND <1.8	ND <1.9	ND <1.9	ND <1.8	ND <1.8	ND <1.9	ND <1.9	ND <1.9
Arsenic	mg/kg	10	10	ND <4.0	ND <4.1	ND <3.6	ND <3.6	ND <3.8	ND <3.8	ND <3.6	ND <3.6	5.8	ND <3.8	4
Barium	mg/kg	140,000	4,700	59	59	45	48	49	49	110	43	47		
Beryllium	mg/kg	2	2	0.43	0.34	0.39	0.37	0.4	0.37	0.41	0.42	0.24	0.24	0.24
Cadmium	mg/kg	1,000	34	ND <0.40	ND <0.41	ND <0.36	ND <0.36	ND <0.38	ND <0.38	ND <0.36	ND <0.36	ND <0.38	ND <0.37	ND <0.37
Chromium	mg/kg	100	100	18	15	11	14	15	15	15	14	16	16	16
Copper	mg/kg	76,000	2,500	35	30	23	29	42	33	30	38	34	35	
Lead	mg/kg	1,000	400	37	27	13	20	32	25	19	22	20	27	
Nickel	mg/kg	7,500	1,400	14	12	10	12	14	12	12	14	14	14	
Selenium	mg/kg	10,000	340	ND <4.0	ND <4.1	ND <3.6	ND <3.6	ND <3.8	ND <3.8	ND <3.6	ND <3.6	ND <3.8	ND <3.7	
Silver	mg/kg	10,000	340	1.2	0.97	1.4	1.4	1.3	1.3	1.2	1.1	0.47	0.61	
Thallium	mg/kg	160	5.4	ND <2.0	ND <2.0	ND <1.8	ND <1.8	ND <1.9	ND <1.9	ND <1.8	ND <1.8	ND <1.9	ND <1.9	
Vanadium	mg/kg	14,000	470	46	43	36	44	35	44	33	37	45	39	
Zinc	mg/kg	610,000	20,000	65	60	55	120	64	59	52	52	62	61	
<b>Metals (SW-846 7471B)</b>														
Mercury	mg/kg	610	20	0.041	0.046	0.039	0.033	0.042	0.046	0.067	ND <0.028	0.072	0.042	
<b>Semi-VOAs (SW-846 8270D-E)</b>														
2-Methylnaphthalene	ug/kg	5,600	1,000,000	270,000	ND <1,000	ND <2,000	ND <1,800	ND <960	ND <970	ND <950	ND <920	ND <1,900	ND <1,900	ND <1,900
Acenaphthene	ug/kg	84,000	2,500,000	1,000,000	ND <1,000	ND <2,000	ND <1,800	ND <960	ND <970	ND <950	ND <920	ND <1,900	ND <1,900	ND <1,900
Acenaphthylene	ug/kg	84,000	2,500,000	1,000,000	ND <1,000	ND <2,000	ND <1,800	ND <960	ND <970	ND <950	ND <920	ND <1,900	ND <1,900	ND <1,900
Anthracene	ug/kg	400,000	2,500,000	1,000,000	ND <1,000	ND <2,000	ND <1,800	ND <960	ND <970	ND <950	ND <920	ND <1,900	ND <1,900	ND <1,900
Benzo(a)anthracene	ug/kg	1,000	7,800	1,000	1,900	2,600	4,500	3,300	2,600	4,300	5,500	3,300	4,700	3,200
Benzo(a)pyrene	ug/kg	1,000	1,000	1,000	1,700	2,600	4,200	3,100	2,400	3,900	5,200	3,300	4,300	3,400
Benzo(b)fluoranthene	ug/kg	1,000	7,800	1,000	2,300	3,500	6,400	4,200	3,400	5,400	7,800	4,700	5,300	4,400
Benzo(g,h,i)perylene	ug/kg	1,000	78,000	8,400	ND <1,000	ND <2,000	2,200	1,600	1,300	1,800	2,300	2,200	3,600	2,700
Benzo(k)fluoranthene	ug/kg	1,000	78,000	8,400	ND <1,000	ND <2,000	2,300	1,800	1,300	2,100	3,500	ND <1,900	2,100	ND <1,900
Chrysene	ug/kg	1,000	78,000	8,400	1,800	2,800	5,400	3,600	2,800	4,500	6,300	3,800	4,400	3,700
Dibenz(a,h)anthracene	ug/kg	1,000	1,000	ND <1,000	ND <2,000	ND <1,800	ND <960	ND <970	ND <950	ND <920	ND <1,900	ND <1,900	ND <1,900	ND <1,900
Fluoranthene	ug/kg	56,000	2,500,000	1,000,000	3,400	4,100	10,000	4,900	4,700	7,500	11,000	6,900	9,400	7,200
Fluorene	ug/kg	56,000	2,500,000	1,000,000	ND <1,000	ND <2,000	ND <1,800	ND <960	ND <970	ND <950	ND <920	ND <1,900	ND <1,900	ND <1,900
Indeno(1,2,3-cd)pyrene	ug/kg	1,000	7,800	1,000	1,000	ND <2,000	2,300	1,800	1,400	1,900	2,500	2,300	3,800	3,300
Naphthalene	ug/kg	56,000	2,500,000	1,000,000	ND <1,000	ND <2,000	ND <1,800	ND <960	ND <970	ND <950	ND <920	ND <1,900	ND <1,900	ND <1,900
Phenanthrene	ug/kg	40,000	2,500,000	1,000,000	1,900	ND <2,000	7,600	2,600	3,100	5,000	5,300	4,100	5,500	5,000
Pyrene	ug/kg	40,000	2,500,000	1,000,000	4,300	5,000	11,000	6,400	5,900	9,500	13,000	8,200	10,000	7,700
Total PAHs	ug/kg	-	-	-	18,300	20,600	55,900	33,300	26,900	45,900	62,400	38,800	53,100	40,600
<b>PCBs (SW-846 8082A)</b>														
Aroclor-1016	mg/kg	-	-	-	ND <0.093	ND <0.096	ND <0.085	ND <0.089	ND <0.092	ND <0.089	ND <0.086	ND <0.088	ND <0.088	
Aroclor-1221	mg/kg	-	-	-	ND <0.093	ND <0.096	ND <0.085	ND <0.089	ND <0.092	ND <0.089	ND <0.086	ND <0.088	ND <0.088	
Aroclor-1232	mg/kg	-	-	-	ND <0.093	ND <0.096	ND <0.085	ND <0.089	ND <0.092	ND <0.089	ND <0.086	ND <0.088	ND <0.088	
Aroclor-1242	mg/kg	-	-	-	ND <0.093	ND <0.096	ND <0.085	ND <0.089	ND <0.092	ND <0.089	ND <0.086	ND <0.088	ND <0.088	
Aroclor-1248	mg/kg	-	-	-	ND <0.093	ND <0.096	ND <0.085	ND <0.089	ND <0.092	ND <0.089	ND <0.086	ND <0.088	ND <0.088	
Aroclor-1254	mg/kg	-	-	-	0.11	ND <0.096	0.11	ND <0.089	ND <0.092	0.13	16	0.73	0.11	0.11
Aroclor-12														

**Table 14**  
**TP-14 Soil Sample Analytical Data Summary**  
**Fairfield Aggregate Recycling Facility**  
**Richard Wright Way, Fairfield, CT**  
**July 2020**

Station Name	Units	GB PMC	I/C DEC	R DEC	TP-14 (50-60)(0-5)-C	TP-14 (50-60)(5-10)-C	TP-14 (50-60)(10-15)-C	TP-14 (50-60)(15-20)-C	TP-14 (60-70)(0-5)-C	TP-14 (60-70)(5-10)-C	TP-14 (60-70)(10-15)-C	TP-14 (60-70)(15-20)-C	TP-14 (70-80)(0-5)-C	TP-14 (70-80)(5-10)-C
Sample Date					6/23/2020	6/23/2020	6/23/2020	6/23/2020	6/23/2020	6/23/2020	6/23/2020	6/23/2020	6/23/2020	6/23/2020
Parent Sample														
<b>Metals (SW-846 6010D)</b>														
Antimony	mg/kg	8,200	27	ND <1.8	ND <1.9	ND <2.0	ND <1.9	ND <1.8	ND <1.8	ND <2.0	ND <1.8	ND <2.0	ND <1.8	ND <1.8
Arsenic	mg/kg	10	10	ND <3.5	<b>3.8</b>	<b>4.6</b>	<b>4</b>	ND <3.6	ND <3.6	ND <4.0	ND <3.5	ND <3.5	ND <3.5	ND <3.5
Barium	mg/kg	140,000	4,700	<b>49</b>	<b>45</b>	<b>64</b>	<b>53</b>	<b>54</b>	<b>37</b>	<b>37</b>	<b>50</b>	<b>48</b>	<b>40</b>	
Beryllium	mg/kg	2	2	<b>0.32</b>	<b>0.32</b>	<b>0.39</b>	<b>0.33</b>	<b>0.42</b>	<b>0.2</b>	ND <0.18	<b>0.24</b>	<b>0.33</b>	<b>0.26</b>	
Cadmium	mg/kg	1,000	34	ND <0.35	ND <0.37	ND <0.41	ND <0.37	ND <0.37	ND <0.36	ND <0.40	ND <0.35	ND <0.35	ND <0.35	
Chromium	mg/kg	100	100	<b>15</b>	<b>15</b>	<b>22</b>	<b>18</b>	<b>17</b>	<b>14</b>	<b>15</b>	<b>17</b>	<b>18</b>	<b>17</b>	
Copper	mg/kg	76,000	2,500	<b>25</b>	<b>28</b>	<b>34</b>	<b>35</b>	<b>33</b>	<b>24</b>	<b>26</b>	<b>28</b>	<b>26</b>	<b>26</b>	
Lead	mg/kg	1,000	400	<b>23</b>	<b>26</b>	<b>29</b>	<b>27</b>	<b>25</b>	<b>24</b>	<b>20</b>	<b>22</b>	<b>34</b>	<b>25</b>	
Nickel	mg/kg	7,500	1,400	<b>11</b>	<b>15</b>	<b>21</b>	<b>15</b>	<b>12</b>	<b>14</b>	<b>15</b>	<b>16</b>	<b>13</b>	<b>14</b>	
Selenium	mg/kg	10,000	340	ND <3.5	ND <3.7	ND <4.1	ND <3.7	ND <3.7	ND <3.6	ND <3.6	ND <4.0	ND <3.5	ND <3.5	
Silver	mg/kg	10,000	340	<b>0.6</b>	<b>0.78</b>	<b>0.77</b>	<b>0.73</b>	<b>0.64</b>	<b>0.68</b>	<b>0.71</b>	<b>0.72</b>	<b>2.2</b>	<b>1.9</b>	
Thallium	mg/kg	160	5.4	ND <1.8	ND <1.9	ND <2.0	ND <1.9	ND <1.8	ND <1.8	ND <2.0	ND <1.8	ND <1.8	ND <1.8	
Vanadium	mg/kg	14,000	470	<b>28</b>	<b>37</b>	<b>40</b>	<b>31</b>	<b>51</b>	<b>46</b>	<b>48</b>	<b>36</b>	<b>42</b>		
Zinc	mg/kg	610,000	20,000	<b>56</b>	<b>56</b>	<b>66</b>	<b>76</b>	<b>61</b>	<b>72</b>	<b>59</b>	<b>68</b>	<b>65</b>		
<b>Metals (SW-846 7471B)</b>														
Mercury	mg/kg	610	20	0.039	0.029	0.044	0.031	0.027	ND <0.027	0.04	0.032	0.036	0.036	0.028
<b>Semi-VOAs (SW-846 8270D-E)</b>														
2-Methylnaphthalene	ug/kg	5,600	1,000,000	270,000	ND <900	ND <1,900	ND <1,000	ND <1,900	ND <1,800	ND <1,900	ND <990	ND <740	ND <930	
Acenaphthene	ug/kg	84,000	2,500,000	1,000,000	ND <900	ND <1,900	ND <1,000	ND <1,900	ND <1,800	ND <1,900	ND <990	ND <740	ND <930	
Acenaphthylene	ug/kg	84,000	2,500,000	1,000,000	ND <900	ND <1,900	ND <1,000	ND <1,900	ND <1,800	ND <1,900	ND <990	ND <740	ND <930	
Anthracene	ug/kg	400,000	2,500,000	1,000,000	ND <900	ND <1,900	1,500	ND <1,900	ND <1,800	ND <1,900	ND <990	ND <740	ND <930	
Benzo(a)anthracene	ug/kg	1,000	7,800	1,000	<b>2,200</b>	<b>4,600</b>	<b>6,100</b>	<b>3,900</b>	<b>3,100</b>	<b>3,100</b>	<b>3,300</b>	<b>2,000</b>	<b>2,500</b>	<b>2,000</b>
Benzo(a)pyrene	ug/kg	1,000	1,000	1,000	<b>2,400</b>	<b>4,000</b>	<b>5,500</b>	<b>3,900</b>	<b>3,200</b>	<b>3,500</b>	<b>3,000</b>	<b>1,800</b>	<b>2,700</b>	<b>2,100</b>
Benzo(b)fluoranthene	ug/kg	1,000	7,800	1,000	<b>3,200</b>	<b>4,800</b>	<b>6,400</b>	<b>4,700</b>	<b>4,600</b>	<b>5,000</b>	<b>3,800</b>	<b>2,500</b>	<b>3,900</b>	<b>2,600</b>
Benzo(g,h,i)perylene	ug/kg	1,000	78,000	8,400	<b>2,000</b>	<b>3,100</b>	<b>3,400</b>	<b>2,700</b>	<b>2,300</b>	<b>3,500</b>	<b>2,500</b>	<b>1,200</b>	<b>2,300</b>	<b>1,900</b>
Benzo(k)fluoranthene	ug/kg	1,000	78,000	8,400	<b>1,300</b>	<b>1,900</b>	<b>2,400</b>	ND <1,900	ND <1,800	ND <1,800	ND <990	ND <1,900	<b>1,300</b>	970
Chrysene	ug/kg	1,000	78,000	8,400	<b>2,700</b>	<b>4,300</b>	<b>6,000</b>	<b>4,000</b>	<b>3,400</b>	<b>3,600</b>	<b>3,200</b>	<b>2,100</b>	<b>3,000</b>	<b>2,300</b>
Dibenz(a,h)anthracene	ug/kg	1,000	1,000	1,000	ND <900	ND <1,900	ND <1,000	ND <1,900	ND <1,800	ND <1,900	ND <990	ND <740	ND <930	
Fluoranthene	ug/kg	56,000	2,500,000	1,000,000	<b>5,300</b>	<b>8,600</b>	<b>9,900</b>	<b>7,400</b>	<b>6,300</b>	<b>8,100</b>	<b>7,600</b>	<b>4,000</b>	<b>5,700</b>	<b>4,700</b>
Fluorene	ug/kg	56,000	2,500,000	1,000,000	ND <900	ND <1,900	1,100	ND <1,900	ND <1,800	ND <1,900	ND <990	ND <740	ND <930	
Indeno(1,2,3-cd)pyrene	ug/kg	1,000	7,800	1,000	<b>2,400</b>	<b>3,500</b>	<b>4,100</b>	<b>2,900</b>	<b>2,500</b>	<b>3,600</b>	<b>2,700</b>	<b>1,400</b>	<b>2,700</b>	<b>1,900</b>
Naphthalene	ug/kg	56,000	2,500,000	1,000,000	ND <900	ND <1,900	ND <1,000	ND <1,900	ND <1,800	ND <1,900	ND <990	ND <740	ND <930	
Phenanthrene	ug/kg	40,000	2,500,000	1,000,000	<b>2,900</b>	<b>4,200</b>	<b>7,700</b>	<b>5,000</b>	<b>3,200</b>	<b>2,900</b>	<b>4,300</b>	<b>2,500</b>	<b>2,200</b>	<b>2,400</b>
Pyrene	ug/kg	40,000	2,500,000	1,000,000	<b>5,500</b>	<b>9,300</b>	<b>14,000</b>	<b>8,400</b>	<b>6,600</b>	<b>7,400</b>	<b>7,600</b>	<b>4,700</b>	<b>5,600</b>	<b>5,200</b>
Total PAHs	ug/kg	-	-	-	<b>29,900</b>	<b>48,300</b>	<b>68,100</b>	<b>42,900</b>	<b>35,200</b>	<b>40,700</b>	<b>38,000</b>	<b>22,300</b>	<b>31,900</b>	<b>26,070</b>
<b>PCBs (SW-846 8082A)</b>														
Aroclor-1016	mg/kg	-	-	-	ND <0.082	ND <0.088	ND <0.094	ND <0.092	ND <0.087	ND <0.084	ND <0.086	ND <0.093	ND <0.086	ND <0.086
Aroclor-1221	mg/kg	-	-	-	ND <0.082	ND <0.088	ND <0.094	ND <0.092	ND <0.087	ND <0.084	ND <0.086	ND <0.093	ND <0.086	

**Table 14**  
**TP-14 Soil Sample Analytical Data Summary**  
**Fairfield Aggregate Recycling Facility**  
**Richard Wright Way, Fairfield, CT**  
**July 2020**

Station Name	Units	GB PMC	I/C DEC	R DEC	TP-14 (70-80)(10-15)-C	TP-14 (70-80)(15-20)-C	TP-14 (80-90)(0-5)-C	TP-14 (80-90)(5-10)-C	TP-14 (80-90)(10-15)-C	TP-14 (80-90)(15-20)-C	TP-14 (90-100)(0-5)-C	TP-14 (90-100)(5-10)-C	TP-14 (90-100)(10-15)-C	TP-14 (90-100)(15-20)-C
Sample Date					6/23/2020	6/23/2020	6/23/2020	6/23/2020	6/23/2020	6/23/2020	6/23/2020	6/23/2020	6/23/2020	6/23/2020
Parent Sample														
<b>Metals (SW-846 6010D)</b>														
Antimony	mg/kg	8,200	27	ND <1.8	ND <1.7	ND <1.8	ND <2.0	ND <2.0	ND <1.8	ND <1.8	ND <1.8	ND <1.8	ND <1.9	ND <1.9
Arsenic	mg/kg	10	10	ND <3.6	ND <3.5	ND <3.4	ND <3.6	ND <4.0	4.1	ND <3.6	ND <3.6	ND <3.6	ND <3.6	ND <3.7
Barium	mg/kg	140,000	4,700	46	44	54	32	47	44	38	40	34	42	
Beryllium	mg/kg	2	2	0.28	0.23	0.25	ND <0.18	0.28	0.26	0.21	0.2	ND <0.18	0.23	
Cadmium	mg/kg	1,000	34	0.6	ND <0.35	ND <0.34	ND <0.36	ND <0.40	ND <0.39	ND <0.36	ND <0.36	ND <0.36	ND <0.37	
Chromium	mg/kg	100	100	17	14	18	9.1	16	15	13	14	11	13	
Copper	mg/kg	76,000	2,500	26	26	29	31	34	28	29	29	26		
Lead	mg/kg	1,000	400	29	30	58	22	31	25	27	19	19	28	
Nickel	mg/kg	7,500	1,400	12	13	13	13	18	16	15	13	12	12	
Selenium	mg/kg	10,000	340	ND <3.6	ND <3.5	ND <3.4	ND <3.6	ND <4.0	ND <3.9	ND <3.6	ND <3.6	ND <3.6	ND <3.7	
Silver	mg/kg	10,000	340	1.9	2.2	2	2.4	2.5	2.1	1.9	1.8	2.2	2.1	
Thallium	mg/kg	160	5.4	ND <1.8	ND <1.7	ND <1.7	ND <1.8	ND <2.0	ND <2.0	ND <1.8	ND <1.8	ND <1.9		
Vanadium	mg/kg	14,000	470	42	42	39	56	40	44	45	44	51	38	
Zinc	mg/kg	610,000	20,000	59	130	97	50	110	64	60	47	48	51	
<b>Metals (SW-846 7471B)</b>														
Mercury	mg/kg	610	20	0.062	0.039	0.055	0.084	0.084	0.045	0.03	0.041	ND <0.027	0.038	
<b>Semi-VOAs (SW-846 8270D-E)</b>														
2-Methylnaphthalene	ug/kg	5,600	1,000,000	270,000	ND <750	ND <930	ND <920	ND <1,000	ND <990	ND <910	ND <930	ND <930	ND <990	
Acenaphthene	ug/kg	84,000	2,500,000	1,000,000	ND <750	ND <930	ND <910	ND <920	ND <990	ND <910	ND <930	ND <930	ND <990	
Acenaphthylene	ug/kg	84,000	2,500,000	1,000,000	ND <750	ND <930	ND <910	ND <920	ND <990	ND <910	ND <930	ND <930	ND <990	
Anthracene	ug/kg	400,000	2,500,000	1,000,000	ND <750	ND <930	ND <910	ND <920	1,100	ND <990	ND <910	ND <930	1,100	
Benzo(a)anthracene	ug/kg	1,000	7,800	1,000	3,800	2,700	3,700	3,400	4,600	2,700	3,500	2,300	2,200	5,000
Benzo(a)pyrene	ug/kg	1,000	1,000	1,000	4,100	2,900	3,600	3,700	4,100	2,500	3,300	2,200	2,200	4,600
Benzo(b)fluoranthene	ug/kg	1,000	7,800	1,000	4,900	3,600	4,600	5,000	5,500	3,300	4,500	2,900	3,000	5,800
Benzo(g,h,i)perylene	ug/kg	1,000	78,000	8,400	3,500	2,600	2,600	3,400	2,500	1,600	2,100	1,500	2,000	3,800
Benzo(k)fluoranthene	ug/kg	1,000	78,000	8,400	1,800	1,400	1,800	1,900	1,900	1,200	1,700	1,200	1,100	2,300
Chrysene	ug/kg	1,000	78,000	8,400	4,000	2,900	3,700	4,200	4,700	2,700	3,900	2,500	2,400	5,000
Dibenz(a,h)anthracene	ug/kg	1,000	1,000	1,000	810	ND <930	ND <910	ND <920	ND <1,000	ND <990	ND <910	ND <930	ND <930	ND <990
Fluoranthene	ug/kg	56,000	2,500,000	1,000,000	6,500	5,900	7,500	9,300	9,500	5,500	7,800	5,300	4,700	10,000
Fluorene	ug/kg	56,000	2,500,000	1,000,000	ND <750	ND <930	ND <910	ND <920	ND <1,000	ND <990	ND <910	ND <930	ND <990	
Indeno(1,2,3-cd)pyrene	ug/kg	1,000	7,800	1,000	3,700	3,100	3,200	4,000	3,000	1,900	2,600	1,900	2,300	4,400
Naphthalene	ug/kg	56,000	2,500,000	1,000,000	ND <750	ND <930	ND <910	ND <920	ND <1,000	ND <990	ND <910	ND <930	ND <990	
Phenanthrene	ug/kg	40,000	2,500,000	1,000,000	2,900	3,000	3,100	2,700	5,800	3,100	4,600	2,900	2,700	6,100
Pyrene	ug/kg	40,000	2,500,000	1,000,000	7,800	6,100	7,900	9,700	11,000	6,600	9,000	5,600	5,200	11,000
Total PAHs	ug/kg	-	-	-	43,810	34,200	41,700	47,300	53,700	31,100	43,000	28,300	27,800	59,100
<b>PCBs (SW-846 8082A)</b>														
Aroclor-1016	mg/kg	-	-	-	ND <0.084	ND <0.087	ND <0.084	ND <0.085	ND <0.094	ND <0.093	ND <0.083	ND <0.086	ND <0.082	ND <0.092
Aroclor-1221	mg/kg	-	-	-	ND <0.084	ND <0.087	ND <0.084	ND <0.085	ND <0.094	ND <0.093	ND <0.083	ND <0.086	ND <0.082	ND <0.092
Aroclor-1232	mg/kg	-	-	-	ND <0.084	ND <0.087	ND <0.084	ND <0.085	ND <0.094	ND <0.093	ND <0.083	ND <0.086	ND <0.082	ND <0.092
Aroclor-1242	mg/kg	-	-	-	ND <0.084	ND <0.087	ND <0.084	ND <0.085	ND <0.094	ND <0.093	ND <0.083	ND <0.086	ND <0.082	ND <0.092
Aroclor-1248	mg/kg	-	-	-	ND <0.084	ND <0.087	ND <0.084	ND <0.085	ND <0.094	ND <0.093	ND <0.083	ND <0.086	ND <0.082	ND <0.092
Aroclor-1254	mg/kg	-	-	-	0.12	0.12	0.17	0.19	ND <0.094	ND <0.093	ND <0.083	0.18	ND <0.082	ND <0.092
Aroclor-1260	mg/kg	-	-	-	ND <0.084	ND <0.087	ND <0.084	ND <0.085	ND <0.094	ND <0.093	ND <0.08			

**Table 14**  
**TP-14 Soil Sample Analytical Data Summary**  
**Fairfield Aggregate Recycling Facility**  
**Richard Wright Way, Fairfield, CT**  
**July 2020**

Station Name	Units	GB PMC	I/C DEC	R DEC	TP-14 (100-110)(0-5)-C	TP-14 (100-110)(5-10)-C	TP-14 (100-110)(10-15)-C	TP-14 (100-110)(15-20)-C	TP-14 (110-120)(0-5)-C	TP-14 (110-120)(5-10)-C	TP-14 (110-120)(10-15)-C	TP-14 (110-120)(15-20)-C	TP-14 (120-130)(0-5)-C	TP-14 (120-130)(5-10)-C	
Sample Date					6/23/2020	6/23/2020	6/23/2020	6/23/2020	6/23/2020	6/23/2020	6/23/2020	6/23/2020	6/23/2020	6/23/2020	
Parent Sample															
<b>Metals (SW-846 6010D)</b>															
Antimony	mg/kg	8,200	27	ND < 1.8	ND < 1.8	ND < 1.7	ND < 1.8	ND < 1.8	ND < 1.7	ND < 1.9	ND < 2.0	ND < 1.9	ND < 1.9	ND < 1.9	
Arsenic	mg/kg	10	10	<b>3.6</b>	<b>4</b>	ND < 3.5	ND < 3.5	ND < 3.5	ND < 3.5	<b>4.2</b>	ND < 3.9	ND < 3.7	<b>4.4</b>		
Barium	mg/kg	140,000	4,700	<b>.46</b>	<b>.39</b>	<b>.44</b>	<b>.43</b>	<b>.34</b>	<b>.44</b>	<b>.42</b>	<b>.67</b>	<b>.40</b>	<b>.51</b>		
Beryllium	mg/kg	2	2	<b>0.26</b>	<b>0.2</b>	<b>0.23</b>	<b>0.23</b>	<b>0.2</b>	<b>0.2</b>	<b>0.3</b>	<b>0.98</b>	<b>0.44</b>	<b>0.64</b>		
Cadmium	mg/kg	1,000	34	ND < 0.35	ND < 0.36	ND < 0.35	ND < 0.35	ND < 0.35	ND < 0.35	ND < 0.37	ND < 0.39	ND < 0.37	ND < 0.38		
Chromium	mg/kg	100	100	<b>13</b>	<b>12</b>	<b>13</b>	<b>13</b>	<b>13</b>	<b>13</b>	<b>14</b>	<b>18</b>	<b>13</b>	<b>15</b>		
Copper	mg/kg	76,000	2,500	<b>28</b>	<b>24</b>	<b>25</b>	<b>27</b>	<b>24</b>	<b>22</b>	<b>23</b>	<b>21</b>	<b>21</b>	<b>21</b>		
Lead	mg/kg	1,000	400	<b>43</b>	<b>53</b>	<b>33</b>	<b>34</b>	<b>19</b>	<b>50</b>	<b>28</b>	<b>26</b>	<b>22</b>	<b>24</b>		
Nickel	mg/kg	7,500	1,400	<b>12</b>	<b>11</b>	<b>13</b>	<b>12</b>	<b>13</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>10</b>	<b>11</b>		
Selenium	mg/kg	10,000	340	ND < 3.5	ND < 3.6	ND < 3.5	ND < 3.7	ND < 3.5	ND < 3.5	ND < 3.7	ND < 3.9	ND < 3.7	ND < 3.8		
Silver	mg/kg	10,000	340	<b>1.9</b>	<b>1.9</b>	<b>1.9</b>	<b>2.3</b>	<b>2</b>	<b>1.7</b>	<b>1.8</b>	<b>2.3</b>	<b>0.7</b>	<b>0.65</b>		
Thallium	mg/kg	160	5.4	ND < 1.8	ND < 1.8	ND < 1.7	ND < 1.8	ND < 1.8	ND < 1.7	ND < 1.9	ND < 2.0	ND < 1.9	ND < 1.9		
Vanadium	mg/kg	14,000	470	<b>38</b>	<b>40</b>	<b>42</b>	<b>37</b>	<b>41</b>	<b>38</b>	<b>40</b>	<b>30</b>	<b>33</b>	<b>30</b>		
Zinc	mg/kg	610,000	20,000	<b>73</b>	<b>45</b>	<b>52</b>	<b>54</b>	<b>48</b>	<b>47</b>	<b>52</b>	<b>54</b>	<b>45</b>	<b>52</b>		
<b>Metals (SW-846 7471B)</b>															
Mercury	mg/kg	610	20	<b>0.038</b>	<b>0.05</b>	ND < 0.028	<b>0.043</b>	<b>0.039</b>	<b>0.035</b>	<b>0.032</b>	<b>0.042</b>	<b>0.036</b>	<b>0.056</b>		
<b>Semi-VOAs (SW-846 8270D-E)</b>															
2-Methylnaphthalene	ug/kg	5,600	1,000,000	270,000	ND < 920	ND < 920	ND < 380	ND < 920	ND < 920	ND < 400	ND < 770	ND < 390			
Acenaphthene	ug/kg	84,000	2,500,000	1,000,000	ND < 920	ND < 920	ND < 380	ND < 920	ND < 920	ND < 400	ND < 770	ND < 390			
Acenaphthylene	ug/kg	84,000	2,500,000	1,000,000	ND < 920	ND < 920	ND < 380	ND < 920	ND < 920	ND < 400	ND < 770	ND < 390			
Anthracene	ug/kg	400,000	2,500,000	1,000,000	ND < 920	ND < 920	<b>390</b>	ND < 920	ND < 920	<b>760</b>	ND < 770	ND < 390			
Benzo(a)anthracene	ug/kg	1,000	7,800	1,000	<b>3,400</b>	<b>2,500</b>	<b>2,400</b>	<b>1,600</b>	<b>3,300</b>	<b>1,900</b>	<b>2,800</b>	<b>3,800</b>	<b>1,300</b>	<b>1,600</b>	
Benzo(a)pyrene	ug/kg	1,000	1,000	1,000	<b>3,400</b>	<b>2,500</b>	<b>2,400</b>	<b>1,600</b>	<b>3,200</b>	<b>1,900</b>	<b>2,600</b>	<b>3,100</b>	<b>1,400</b>	<b>1,400</b>	
Benzo(b)fluoranthene	ug/kg	1,000	7,800	1,000	<b>4,500</b>	<b>3,400</b>	<b>3,200</b>	<b>1,800</b>	<b>4,400</b>	<b>2,600</b>	<b>3,900</b>	<b>4,200</b>	<b>1,800</b>	<b>1,800</b>	
Benzo(g,h,i)perylene	ug/kg	1,000	78,000	8,400	<b>2,600</b>	<b>1,900</b>	<b>1,600</b>	<b>840</b>	<b>1,600</b>	<b>1,200</b>	<b>1,100</b>	<b>1,400</b>	<b>880</b>	<b>660</b>	
Benzo(k)fluoranthene	ug/kg	1,000	78,000	8,400	<b>1,600</b>	<b>1,200</b>	<b>1,100</b>	<b>820</b>	<b>1,900</b>	<b>950</b>	<b>1,400</b>	<b>1,900</b>	<b>900</b>	<b>720</b>	
Chrysene	ug/kg	1,000	78,000	8,400	<b>3,800</b>	<b>3,000</b>	<b>2,700</b>	<b>1,600</b>	<b>3,900</b>	<b>2,100</b>	<b>3,300</b>	<b>3,900</b>	<b>1,500</b>	<b>1,600</b>	
Dibenz(a,h)anthracene	ug/kg	1,000	1,000	ND < 920	ND < 920	ND < 930	ND < 380	ND < 920	ND < 920	ND < 400	ND < 770	ND < 390			
Fluoranthene	ug/kg	56,000	2,500,000	1,000,000	<b>7,500</b>	<b>6,000</b>	<b>5,400</b>	<b>3,300</b>	<b>7,100</b>	<b>4,000</b>	<b>5,700</b>	<b>6,600</b>	<b>2,200</b>	<b>2,600</b>	
Fluorene	ug/kg	56,000	2,500,000	1,000,000	ND < 920	ND < 930	ND < 380	ND < 920	ND < 920	ND < 400	ND < 770	ND < 390			
Indeno(1,2,3-cd)pyrene	ug/kg	1,000	7,800	1,000	<b>3,100</b>	<b>2,300</b>	<b>2,100</b>	<b>970</b>	<b>1,900</b>	<b>1,600</b>	<b>1,700</b>	<b>1,800</b>	<b>890</b>	<b>790</b>	
Naphthalene	ug/kg	56,000	2,500,000	1,000,000	ND < 920	ND < 920	ND < 930	ND < 380	ND < 920	ND < 920	ND < 400	ND < 770	ND < 390		
Phenanthrene	ug/kg	40,000	2,500,000	1,000,000	<b>3,400</b>	<b>3,200</b>	<b>2,800</b>	<b>2,100</b>	<b>3,800</b>	<b>2,100</b>	<b>3,300</b>	<b>4,000</b>	<b>950</b>	<b>1,200</b>	
Pyrene	ug/kg	40,000	2,500,000	1,000,000	<b>8,200</b>	<b>7,100</b>	<b>6,400</b>	<b>4,200</b>	<b>8,200</b>	<b>4,700</b>	<b>6,500</b>	<b>8,300</b>	<b>2,700</b>	<b>3,300</b>	
Total PCBs	ug/kg	-	-	-	<b>41,500</b>	<b>33,100</b>	<b>30,100</b>	<b>19,320</b>	<b>39,300</b>	<b>23,050</b>	<b>32,300</b>	<b>40,210</b>	<b>14,520</b>	<b>15,670</b>	
<b>PCBs (SW-846 8082A)</b>															
Aroclor-1016	mg/kg	-	-	-	ND < 0.083	ND < 0.084	ND < 0.085	ND < 0.088	ND < 0.085	ND < 0.086	ND < 0.088	ND < 0.091	ND < 0.089	ND < 0.091	
Aroclor-1221	mg/kg	-	-	-	ND < 0.083	ND < 0.084	ND < 0.085	ND < 0.088	ND <						

**Table 14**  
**TP-14 Soil Sample Analytical Data Summary**  
**Fairfield Aggregate Recycling Facility**  
**Richard Wright Way, Fairfield, CT**  
**July 2020**

Station Name	Units	GB PMC	I/C DEC	R DEC	TP-14 (120-130)(10-15)-C	TP-14 (120-130)(15-20)-C	TP-14 (130-140)(0-5)-C	TP-14 (130-140)(5-10)-C	TP-14 (130-140)(10-15)-C	TP-14 (130-140)(15-20)-C	DUP-27-C	DUP-28-C
Sample Date					6/23/2020	6/23/2020	6/23/2020	6/23/2020	6/23/2020	6/23/2020	6/23/2020	6/23/2020
Parent Sample											TP-14 (30-40)(0-5)	TP-14 (60-70)(0-5)
<b>Metals (SW-846 6010D)</b>												
Antimony	mg/kg	8,200	27	ND <1.9	ND <1.9	ND <1.8	ND <1.9	ND <1.9	ND <1.8	ND <1.7	ND <1.8	ND <1.8
Arsenic	mg/kg	10	10	ND <3.9	ND <3.8	<b>3.9</b>	<b>4.2</b>	<b>5.3</b>	ND <3.7	<b>3.4</b>	ND <3.6	ND <3.6
Barium	mg/kg	140,000	4,700	<b>54</b>	<b>68</b>	<b>52</b>	<b>53</b>	<b>64</b>	<b>42</b>	<b>41</b>	<b>56</b>	56
Beryllium	mg/kg	2	2	<b>0.57</b>	<b>1.2</b>	<b>0.52</b>	<b>0.6</b>	<b>0.67</b>	<b>0.49</b>	<b>0.33</b>	<b>0.55</b>	0.55
Cadmium	mg/kg	1,000	34	ND <0.39	ND <0.38	ND <0.37	ND <0.38	ND <0.39	ND <0.37	ND <0.34	ND <0.36	ND <0.36
Chromium	mg/kg	100	100	<b>17</b>	<b>18</b>	<b>16</b>	<b>16</b>	<b>17</b>	<b>18</b>	<b>9.8</b>	<b>17</b>	17
Copper	mg/kg	76,000	2,500	<b>22</b>	<b>21</b>	<b>27</b>	<b>24</b>	<b>28</b>	<b>23</b>	<b>20</b>	<b>27</b>	27
Lead	mg/kg	1,000	400	<b>32</b>	<b>13</b>	<b>36</b>	<b>32</b>	<b>32</b>	<b>25</b>	<b>11</b>	<b>28</b>	28
Nickel	mg/kg	7,500	1,400	<b>12</b>	<b>13</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>11</b>	<b>9.4</b>	<b>12</b>	12
Selenium	mg/kg	10,000	340	ND <3.9	ND <3.8	ND <3.7	ND <3.8	ND <3.9	ND <3.7	ND <3.4	ND <3.6	ND <3.6
Silver	mg/kg	10,000	340	<b>0.8</b>	<b>0.8</b>	<b>0.79</b>	<b>0.83</b>	<b>0.8</b>	<b>0.82</b>	<b>0.99</b>	<b>0.67</b>	0.67
Thallium	mg/kg	160	5.4	ND <1.9	ND <1.9	ND <1.8	ND <1.9	ND <1.9	ND <1.8	ND <1.7	ND <1.8	ND <1.8
Vanadium	mg/kg	14,000	470	<b>29</b>	<b>31</b>	<b>38</b>	<b>31</b>	<b>30</b>	<b>34</b>	<b>31</b>	<b>31</b>	31
Zinc	mg/kg	610,000	20,000	<b>52</b>	<b>49</b>	<b>58</b>	<b>55</b>	<b>58</b>	<b>45</b>	<b>43</b>	<b>65</b>	65
<b>Metals (SW-846 7471B)</b>												
Mercury	mg/kg	610	20	<b>0.038</b>	<b>0.042</b>	<b>0.046</b>	<b>0.058</b>	<b>0.067</b>	<b>0.043</b>	<b>0.032</b>	<b>0.033</b>	0.033
<b>Semi-VOCAs (SW-846 8270D-E)</b>												
2-Methylnaphthalene	ug/kg	5,600	1,000,000	270,000	ND <400	ND <390	ND <980	ND <390	ND <400	ND <950	ND 1,800	ND <1,900
Acenaphthene	ug/kg	84,000	2,500,000	1,000,000	ND <400	ND <390	ND <980	ND <390	ND <400	ND <950	ND 1,800	ND <1,900
Acenaphthylene	ug/kg	84,000	2,500,000	1,000,000	ND <400	ND <390	ND <980	ND <390	ND <400	ND <950	ND 1,800	ND <1,900
Anthracene	ug/kg	400,000	2,500,000	1,000,000	ND <400	ND <390	ND <980	ND <390	ND <400	ND <950	ND 1,800	2,400
Benzo(a)anthracene	ug/kg	1,000	7,800	1,000	<b>1,900</b>	<b>1,000</b>	<b>2,300</b>	<b>1,500</b>	<b>1,800</b>	<b>1,600</b>	<b>5,600</b>	<b>8,600</b>
Benzo(a)pyrene	ug/kg	1,000	1,000	1,000	<b>1,900</b>	<b>980</b>	<b>2,200</b>	<b>1,400</b>	<b>1,500</b>	<b>1,600</b>	<b>6,100</b>	<b>8,300</b>
Benzo(b)fluoranthene	ug/kg	1,000	7,800	1,000	<b>2,300</b>	<b>1,200</b>	<b>2,800</b>	<b>1,900</b>	<b>2,200</b>	<b>2,100</b>	<b>8,600</b>	<b>12,000</b>
Benzo(g,h,i)perylene	ug/kg	1,000	78,000	8,400	<b>910</b>	<b>450</b>	<b>1,400</b>	<b>700</b>	<b>800</b>	ND <950	<b>4,000</b>	<b>5,600</b>
Benzo(k)fluoranthene	ug/kg	1,000	78,000	8,400	<b>880</b>	<b>500</b>	<b>1,200</b>	<b>850</b>	<b>860</b>	ND <950	<b>3,500</b>	<b>4,300</b>
Chrysene	ug/kg	1,000	78,000	8,400	<b>1,900</b>	<b>1,000</b>	<b>2,400</b>	<b>1,600</b>	<b>1,800</b>	<b>1,700</b>	<b>7,900</b>	<b>9,900</b>
Dibenz(a,h)anthracene	ug/kg	1,000	1,000	1,000	ND <400	ND <390	ND <980	ND <390	ND <400	ND <950	ND 1,800	ND <1,900
Fluoranthene	ug/kg	56,000	2,500,000	1,000,000	<b>2,600</b>	<b>1,500</b>	<b>4,000</b>	<b>2,500</b>	<b>3,200</b>	<b>2,600</b>	<b>15,000</b>	<b>22,000</b>
Fluorene	ug/kg	56,000	2,500,000	1,000,000	ND <400	ND <390	ND <980	ND <390	ND <400	ND <950	ND 1,800	2,100
Indeno(1,2,3-cd)pyrene	ug/kg	1,000	7,800	1,000	<b>1,100</b>	<b>530</b>	<b>1,700</b>	<b>770</b>	<b>930</b>	ND <950	<b>4,200</b>	<b>6,600</b>
Naphthalene	ug/kg	56,000	2,500,000	1,000,000	ND <400	ND <390	ND <980	ND <390	ND <400	ND <950	ND 1,800	ND <1,900
Phenanthrene	ug/kg	40,000	2,500,000	1,000,000	<b>1,000</b>	<b>580</b>	<b>1,800</b>	<b>1,300</b>	<b>1,700</b>	<b>1,200</b>	<b>12,000</b>	<b>18,000</b>
Pyrene	ug/kg	40,000	2,500,000	1,000,000	<b>3,400</b>	<b>1,900</b>	<b>4,500</b>	<b>3,100</b>	<b>3,700</b>	<b>3,300</b>	<b>15,000</b>	<b>21,000</b>
Total PAHs	ug/kg	-	-	-	<b>17,890</b>	<b>9,640</b>	<b>24,300</b>	<b>15,620</b>	<b>18,490</b>	<b>14,100</b>	<b>81,900</b>	<b>120,800</b>
<b>PCBs (SW-846 8082A)</b>												
Aroclor-1016	mg/kg	-	-	-	ND <0.093	ND <0.092	ND <0.093	ND <0.09	ND <0.095	ND <0.089	ND <0.084	ND <0.087
Aroclor-1221	mg/kg	-	-	-	ND <0.093	ND <0.092	ND <0.093	ND <0.09	ND <0.095	ND <0.089	ND <0.084	ND <0.087
Aroclor-1232	mg/kg	-	-	-	ND <0.093	ND <0.092	ND <0.093	ND <0.09	ND <0.095	ND <0.089	ND <0.084	ND <0.087
Aroclor-1242	mg/kg	-	-	-	ND <0.093	ND <0.092	ND <0.093	ND <0.09	ND <0.095	ND <0.089	ND <0.084	ND <0.087
Aroclor-1248	mg/kg	-	-	-	ND <0.093	ND <0.092	ND <0.093	ND <0.09	ND <0.095	ND <0.089	ND <0.084	ND <0.087
Aroclor-1254	mg/kg	-	-	-	ND <0.093	ND <0.092	ND <0.093	ND <0.09	ND <0.095	ND <0.089	<b>0.20</b>	<b>0.20</b>
Aroclor-1260	mg/kg	-	-	-	ND <0.093	ND <0.092	ND <0.093	ND <0.09	ND <0.095	ND <0.089	ND <0.084	

Table 15

Bulk Material Sample PCB Analytical Results  
 Aggregate Reclamation Yard  
 Richard White Way, Fairfield, Connecticut  
 July 2020

Station Name	Units	I/C DEC	R DEC	TP-1 (40-50ft)(0-5ft)-W	TP-2 (90-100)(5-10ft)-CO	TP-2 (90-100) (5-10ft)-S	TP-6 (40-50)(5-10ft)-PC	TP-7 (30-40)(5-10ft)-PC	TP-7 (30-40)(5-10ft)-S	TP-7 (30-40)(15-20ft)-PC
Sample Date				6/3/2020	6/8/2020	6/8/2020	6/11/2020	6/11/2020	6/11/2020	6/11/2020
<b>PCBs (SW-846 8082A)</b>										
Aroclor-1016	mg/kg	-	-	ND <0.099	ND <0.079	ND <0.15	ND <0.10	ND <0.099	ND <0.090	ND <0.10
Aroclor-1221	mg/kg	-	-	ND <0.099	ND <0.079	ND <0.15	ND <0.10	ND <0.099	ND <0.090	ND <0.10
Aroclor-1232	mg/kg	-	-	ND <0.099	ND <0.079	ND <0.15	ND <0.10	ND <0.099	ND <0.090	ND <0.10
Aroclor-1242	mg/kg	-	-	ND <0.099	ND <0.079	ND <0.15	ND <0.10	ND <0.099	<b>0.97</b>	ND <0.10
Aroclor-1248	mg/kg	-	-	<b>0.35</b>	ND <0.079	ND <0.15	ND <0.10	<b>1.9</b>	ND <0.090	ND <0.10
Aroclor-1254	mg/kg	-	-	ND <0.099	ND <0.079	ND <0.15	ND <0.10	<b>1.1</b>	ND <0.090	ND <0.10
Aroclor-1260	mg/kg	-	-	ND <0.099	<b>1.7</b>	ND <0.15	ND <0.10	<b>0.27</b>	<b>0.29</b>	ND <0.10
Aroclor-1262	mg/kg	-	-	ND <0.099	ND <0.079	ND <0.15	ND <0.10	ND <0.099	ND <0.090	ND <0.10
Aroclor-1268	mg/kg	-	-	ND <0.099	ND <0.079	ND <0.15	ND <0.10	ND <0.099	ND <0.090	ND <0.10
Total PCBs	mg/kg	10	1	<b>0.35</b>	<b>1.7</b>	ND <0.15	ND <0.10	<b>3.27</b>	<b>1.26</b>	ND <0.10
<b>Other (SM 2540G)</b>										
% Solids	% Weight			NA	NA	<b>53.7</b>	NA	NA	<b>89.0</b>	NA

Analyte concentration exceeds the standard for:

	I/C DEC
	R DEC

**NOTES:**

1. Analytical results compared to Connecticut RSR

(January 1996, revised June 27, 2013)

mg/kg = milligrams per kilogram

**BOLD** = compound detected at that concentration.

ND < # = Below Reporting Limit (reporting limit specified)

NA = Not Analyzed

I/C DEC = Industrial/Commercial Direct Exposure Criteria

R DEC = Residential Direct Exposure Criteria

Total PCBs = Sum of detected Aroclors

Table 15

Bulk Material Sample PCB Analytical Results  
 Aggregate Reclamation Yard  
 Richard White Way, Fairfield, Connecticut  
 July 2020

Station Name	Units	I/C DEC	R DEC	TP-7 (30-40)(15-20ft)-S	TP-8 (10-20)(10-15ft)-PC	TP-8 (10-20)(10-15ft)-S	TP-8 (10-20)(15-20ft)-PC	TP-8 (10-20)(15-20ft)-S	TP-11 (0-10)(5-10ft)-CO	TP-11 (0-10)(5-10ft)-S
Sample Date				6/11/2020	6/12/2020	6/12/2020	6/12/2020	6/12/2020	6/17/2020	6/17/2020
<b>PCBs (SW-846 8082A)</b>										
Aroclor-1016	mg/kg	-	-	ND <0.090	ND<0.096	ND <0.087	ND <0.097	ND <0.085	ND <0.094	ND <0.089
Aroclor-1221	mg/kg	-	-	ND <0.090	ND<0.096	ND <0.087	ND <0.097	ND <0.085	ND <0.094	ND <0.089
Aroclor-1232	mg/kg	-	-	ND <0.090	ND<0.096	ND <0.087	ND <0.097	ND <0.085	ND <0.094	ND <0.089
Aroclor-1242	mg/kg	-	-	ND <0.090	ND<0.096	ND <0.087	ND <0.097	ND <0.085	ND <0.094	ND <0.089
Aroclor-1248	mg/kg	-	-	ND <0.090	ND<0.096	<b>0.11</b>	ND <0.097	ND <0.085	ND <0.094	ND <0.089
Aroclor-1254	mg/kg	-	-	ND <0.090	ND<0.096	<b>0.22</b>	<b>0.11</b>	ND <0.085	ND <0.094	ND <0.089
Aroclor-1260	mg/kg	-	-	<b>0.19</b>	ND<0.096	ND <0.087	ND <0.097	ND <0.085	ND <0.094	ND <0.089
Aroclor-1262	mg/kg	-	-	ND <0.090	ND<0.096	ND <0.087	ND <0.097	ND <0.085	ND <0.094	ND <0.089
Aroclor-1268	mg/kg	-	-	ND <0.090	ND<0.096	ND <0.087	ND <0.097	ND <0.085	ND <0.094	ND <0.089
Total PCBs	mg/kg	10	1	<b>0.19</b>	ND<0.096	<b>0.33</b>	<b>0.11</b>	ND <0.085	ND <0.094	ND <0.089
<b>Other (SM 2540G)</b>										
% Solids	% Weight			<b>88.7</b>	NA	<b>90.8</b>	NA	<b>90.8</b>	NA	<b>89.5</b>

Analyte concentration exceeds the standard for:

	I/C DEC
	R DEC

**NOTES:**

1. Analytical results compared to Connecticut RSR

(January 1996, revised June 27, 2013)

mg/kg = milligrams per kilogram

**BOLD** = compound detected at that concentration.

ND < # = Below Reporting Limit (reporting limit specifi

NA = Not Analyzed

I/C DEC = Industrial/Commercial Direct Exposure Criteria

R DEC = Residential Direct Exposure Criteria

Total PCBs = Sum of detected Aroclors

**Table 15**  
**Bulk Material Sample PCB Analytical Results**  
**Aggregate Reclamation Yard**  
**Richard White Way, Fairfield, Connecticut**  
**July 2020**

Station Name	Units	I/C DEC	R DEC	TP-11 (10-20)(10-15ft)-PC	TP-11 (10-20)(10-15ft)-S	TP-13 (70-80)(10-15ft)-CO	TP-13 (70-80)(10-15ft)-S	TP-13 (190-200)(15-20ft)-CO	TP-13 (190-200)(15-20ft)-S
Sample Date				6/17/2020	6/17/2020	6/23/2020	6/23/2020	6/23/2020	6/23/2020
<b>PCBs (SW-846 8082A)</b>									
Aroclor-1016	mg/kg	-	-	ND<0.087	ND <0.087	ND <0.099	ND <0.088	ND <0.10	ND <0.086
Aroclor-1221	mg/kg	-	-	ND<0.087	ND <0.087	ND <0.099	ND <0.088	ND <0.10	ND <0.086
Aroclor-1232	mg/kg	-	-	ND<0.087	ND <0.087	ND <0.099	ND <0.088	ND <0.10	ND <0.086
Aroclor-1242	mg/kg	-	-	ND<0.087	ND <0.087	ND <0.099	ND <0.088	ND <0.10	ND <0.086
Aroclor-1248	mg/kg	-	-	ND<0.087	ND <0.087	ND <0.099	ND <0.088	ND <0.10	ND <0.086
Aroclor-1254	mg/kg	-	-	ND<0.087	ND <0.087	ND <0.099	ND <0.088	<b>0.20</b>	<b>0.26</b>
Aroclor-1260	mg/kg	-	-	ND<0.087	ND <0.087	ND <0.099	ND <0.088	ND <0.10	ND <0.086
Aroclor-1262	mg/kg	-	-	ND<0.087	ND <0.087	ND <0.099	ND <0.088	ND <0.10	ND <0.086
Aroclor-1268	mg/kg	-	-	ND<0.087	ND <0.087	ND <0.099	ND <0.088	ND <0.10	ND <0.086
Total PCBs	mg/kg	10	1	ND<0.087	ND <0.087	ND <0.099	ND <0.088	<b>0.20</b>	<b>0.26</b>
<b>Other (SM 2540G)</b>									
% Solids	% Weight			NA	91.5	NA	89.2	NA	90.8

Analyte concentration exceeds the standard for:

	I/C DEC
	R DEC

**NOTES:**

1. Analytical results compared to Connecticut RSR

(January 1996, revised June 27, 2013)

mg/kg = milligrams per kilogram

**BOLD** = compound detected at that concentration.

ND < # = Below Reporting Limit (reporting limit specific)

NA = Not Analyzed

I/C DEC = Industrial/Commercial Direct Exposure Criteria

R DEC = Residential Direct Exposure Criteria

Total PCBs = Sum of detected Aroclors

Table 16

Groundwater Sample Analytical Results Summary  
 Fairfield Aggregate Recycling Facility  
 Richard White Way, Fairfield, CT  
 July 2020

Station Name	Units	SWPC	MW-1	MW-2	Dup-1
Sample Date			7/2/2020	7/2/2020	7/2/2020
Parent Sample					MW-2
<b>Metals (SW-846 6010D)</b>					
Antimony	ug/L	86,000	ND <1.0	ND <1.0	ND <1.0
Arsenic	ug/L	4	11	16	<b>17</b>
Barium	ug/L	2,200	<b>660</b>	<b>340</b>	<b>350</b>
Beryllium	ug/L	4	ND <0.40	ND <0.40	ND <0.40
Cadmium	ug/L	6	ND <0.20	ND <0.20	ND <0.20
Chromium	ug/L	110	<b>3.7</b>	<b>5.9</b>	<b>5.7</b>
Copper	ug/L	48	<b>8.3</b>	<b>8.4</b>	<b>7.3</b>
Lead	ug/L	13	<b>8.5</b>	<b>20</b>	<b>12</b>
Nickel	ug/L	880	<b>13</b>	<b>18</b>	<b>17</b>
Selenium	ug/L	50	<b>35</b>	<b>55</b>	<b>56</b>
Silver	ug/L	12	ND <0.20	ND <0.20	ND <0.20
Thallium	ug/L	63	ND <0.20	ND <0.20	ND <0.20
Vanadium	ug/L	270	ND <5.0	ND <5.0	ND <5.0
Zinc	ug/L	123	ND <10	<b>30</b>	<b>17</b>
<b>Metals (SW-846 7471B)</b>					
Mercury	ug/L	0.4	ND <0.00010	ND <0.00010	ND <0.00010
<b>Semi-VOAs (SW-846 8270D-E)</b>					
2-Methylnaphthalene	ug/L	62	ND <1.0	<b>3.0</b>	<b>2.1</b>
Acenaphthene	ug/L	150	<b>0.37</b>	ND <0.3	ND <0.3
Acenaphthylene	ug/L	0.3	ND <0.20	ND <0.20	ND <0.20
Anthracene	ug/L	1,100,000	ND <0.20	ND <0.20	ND <0.20
Benzo(a)anthracene	ug/L	0.3	<b>0.069</b>	ND <0.050	<b>0.058</b>
Benzo(a)pyrene	ug/L	0.3	ND <0.10	ND <0.10	ND <0.10
Benzo(b)fluoranthene	ug/L	0.3	<b>0.067</b>	ND <0.050	<b>0.067</b>
Benzo(g,h,i)perylene	ug/L	150	ND <0.050	ND <0.50	ND <0.051
Benzo(k)fluoranthene	ug/L	0.3	ND <0.20	ND <0.20	ND <0.20
Chrysene	ug/L	0.54	ND <0.20	ND <0.20	ND <0.20
Dibenz(a,h)anthracene	ug/L	0.30	ND <0.10	ND <0.10	ND <0.10
Fluoranthene	ug/L	3,700	ND <0.50	ND <0.50	ND <0.51
Fluorene	ug/L	140,000	ND <1.0	ND <1.0	ND <1.0
Indeno(1,2,3-cd)pyrene	ug/L	0.54	ND <0.10	ND <0.10	ND <0.10
Naphthalene	ug/L	210	ND <1.0	ND <1.0	ND <1.0
Phanthrene	ug/L	14	<b>0.97</b>	<b>0.35</b>	<b>0.45</b>
Pyrene	ug/L	110,000	ND <1.0	ND <1.0	ND <1.0
<b>PCBs (SW-846 8082A)</b>					
Aroclor-1016	ug/L	-	ND <0.14	ND <0.14	ND <0.14
Aroclor-1221	ug/L	-	ND <0.14	ND <0.14	ND <0.14
Aroclor-1232	ug/L	-	ND <0.14	ND <0.14	ND <0.14
Aroclor-1242	ug/L	-	ND <0.14	ND <0.14	ND <0.14
Aroclor-1248	ug/L	-	ND <0.14	ND <0.14	ND <0.14
Aroclor-1254	ug/L	-	ND <0.14	ND <0.14	ND <0.14
Aroclor-1260	ug/L	-	ND <0.14	ND <0.14	ND <0.14
Aroclor-1262	ug/L	-	ND <0.14	ND <0.14	ND <0.14
Aroclor-1268	ug/L	-	ND <0.14	ND <0.14	ND <0.14
Total PCBs	ug/L	0.5	ND <0.14	ND <0.14	ND <0.14
<b>ETPH (CTDEP ETPH)</b>					
CT ETPH	ug/L	250	<b>2,800</b>	<b>4,400</b>	<b>4,900</b>

Analyte concentration exceeds the standard for:

SWPC

#### NOTES:

1. Analytical results compared to Connecticut Remediation Standard Regulations (January 1996; revised June 27, 2013).
2. For those compounds without listed remedial criteria in the RSRs, values from "Recommended Numeric Criteria for Common Additional Polluting Substances and Certain Alternative Criteria," CT DEEP, September 20, 2018

ug/L = microgram per liter

**BOLD** = compound detected at that concentration.

ND < # = Below Reporting Limit (reporting limit specified)

-- = Not Applicable

SWPC = Surface Water Protection Criteria

Total PCBs = Sum of detected Aroclors

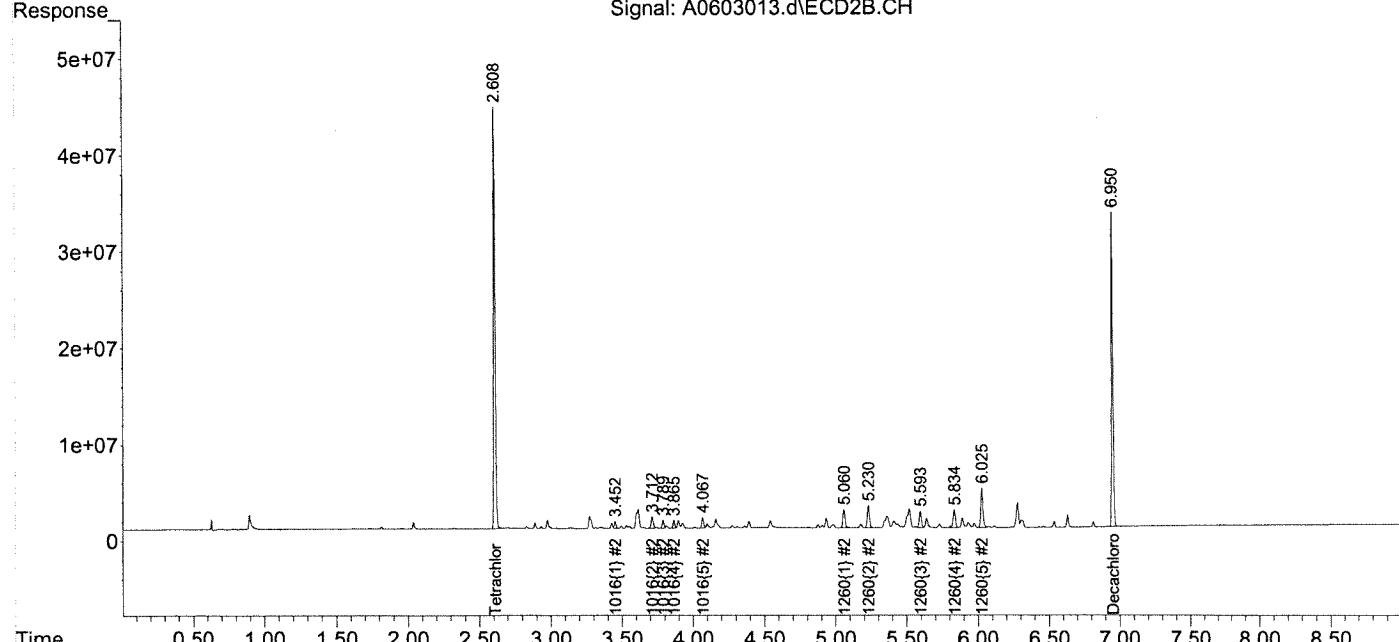
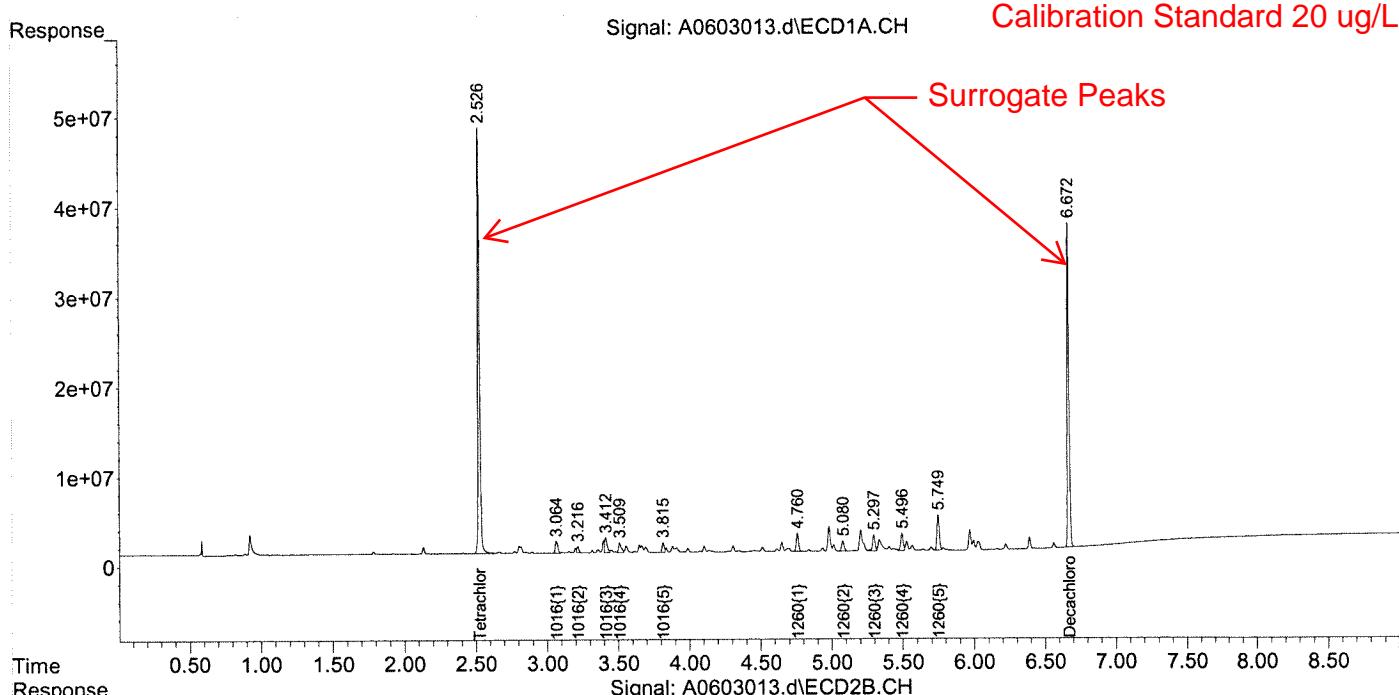
**APPENDIX B**  
Groundwater PCB Chromatograms

## Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\\_ARCHIVE\\_2020\060320A\  
Data File : A0603013.d  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 03 Jun 2020 17:17 pm  
Operator : JMB  
Sample : 1260/1016 20 Inst : ECD1  
Misc :  
ALS Vial : 13 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: F-1260.E  
Integration File signal 2: B-1260.E  
Quant Time: Jun 04 20:57:29 2020  
Quant Method : C:\msdchem\1\methods\PCB Methods\1-1260-060320C.M  
Quant Title : 1260/1016 06/03/20 05/11/20 ICAL 2000180  
QLast Update : Thu Jun 04 14:15:54 2020  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



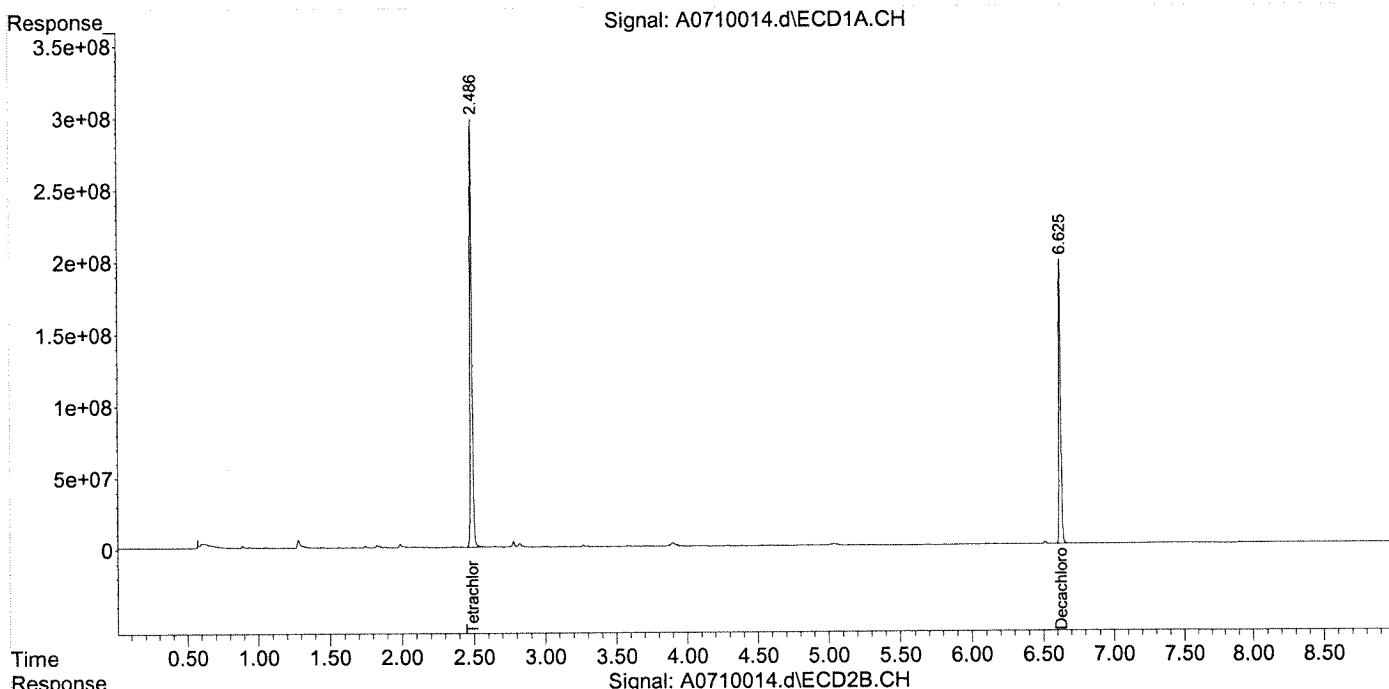
## Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\\_ARCHIVE\\_2020\071020\  
Data File : A0710014.d  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 10 Jul 2020 10:25 am  
Operator : JMB  
Sample : 20G0143-01@TBA Inst : ECD1  
Misc :  
ALS Vial : 14 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: F-1260.E  
Integration File signal 2: B-1260.E  
Quant Time: Jul 10 11:23:34 2020  
Quant Method : C:\msdchem\1\methods\PCB Methods\1-1260-062520.M  
Quant Title : 1260/1016 06/03/20 05/11/20 ICAL 2000180  
QLast Update : Thu Jun 04 20:58:07 2020  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :

Sample MW-1

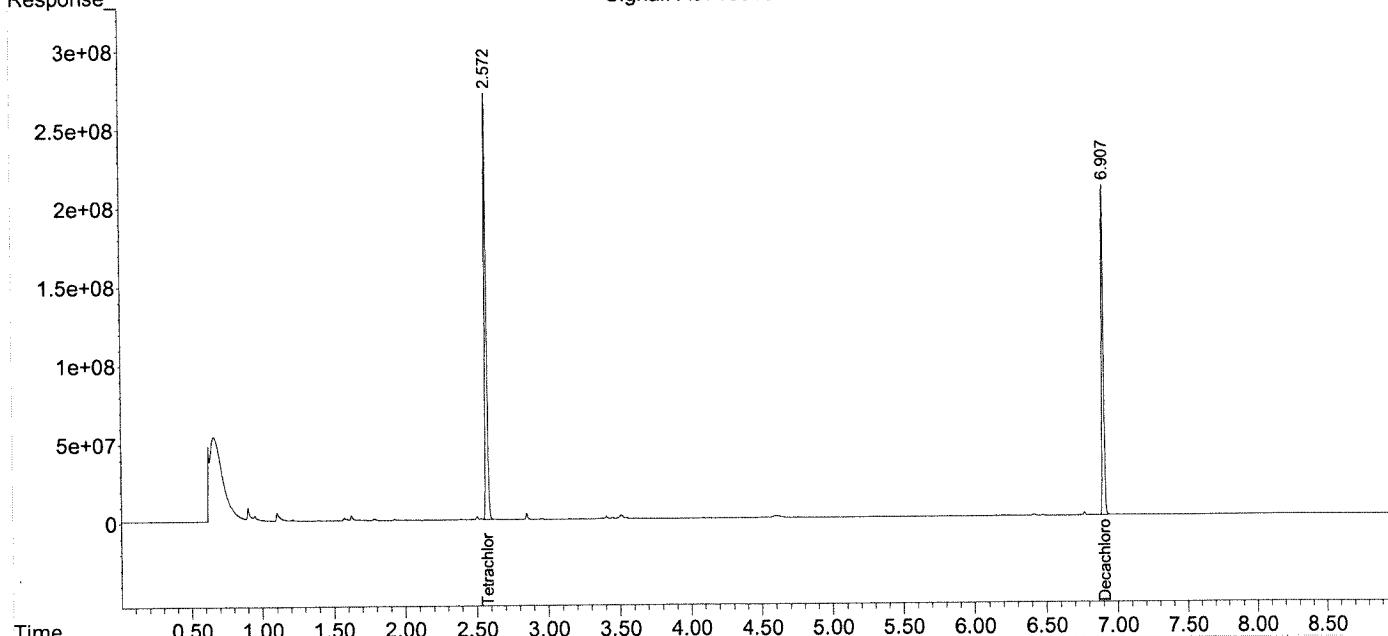
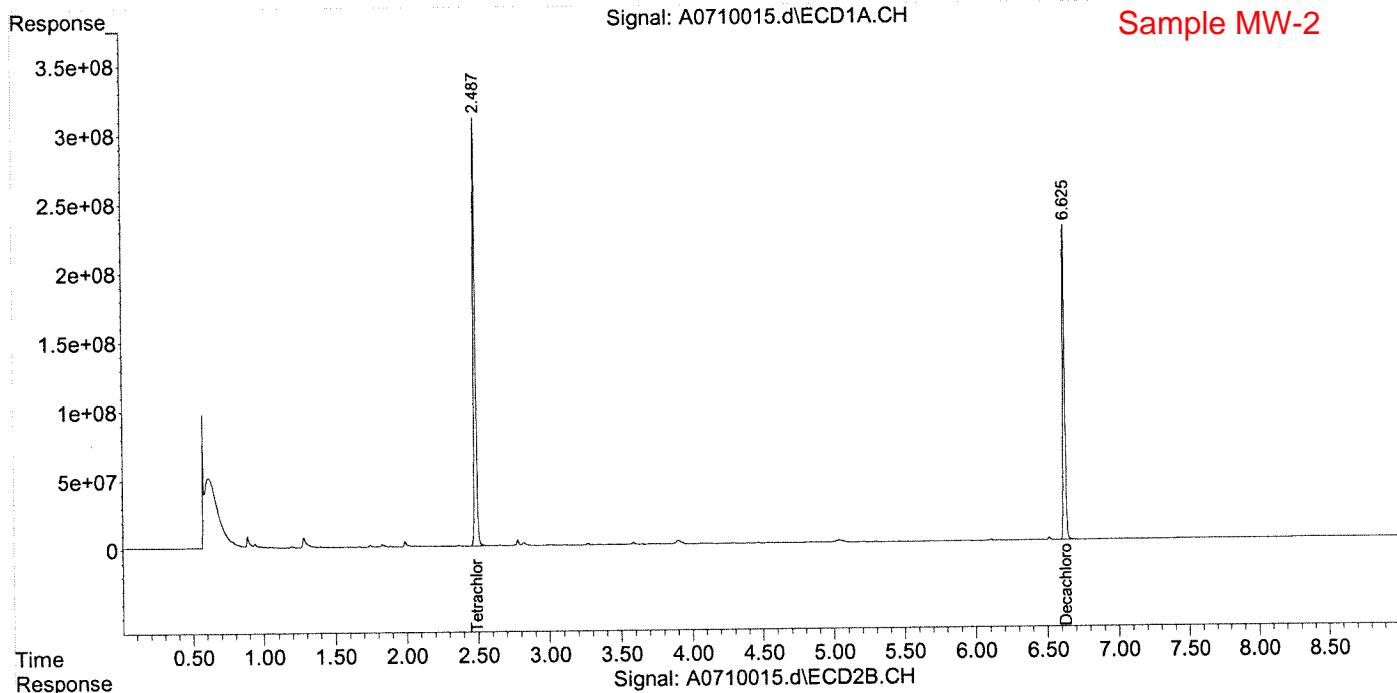


## Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\\_ARCHIVE\\_2020\071020\  
Data File : A0710015.d  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 10 Jul 2020 10:38 am  
Operator : JMB  
Sample : 20G0143-02@TBA Inst : ECD1  
Misc :  
ALS Vial : 15 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: F-1260.E  
Integration File signal 2: B-1260.E  
Quant Time: Jul 10 11:24:01 2020  
Quant Method : C:\msdchem\1\methods\PCB Methods\1-1260-062520.M  
Quant Title : 1260/1016 06/03/20 05/11/20 ICAL 2000180  
QLast Update : Thu Jun 04 20:58:07 2020  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :

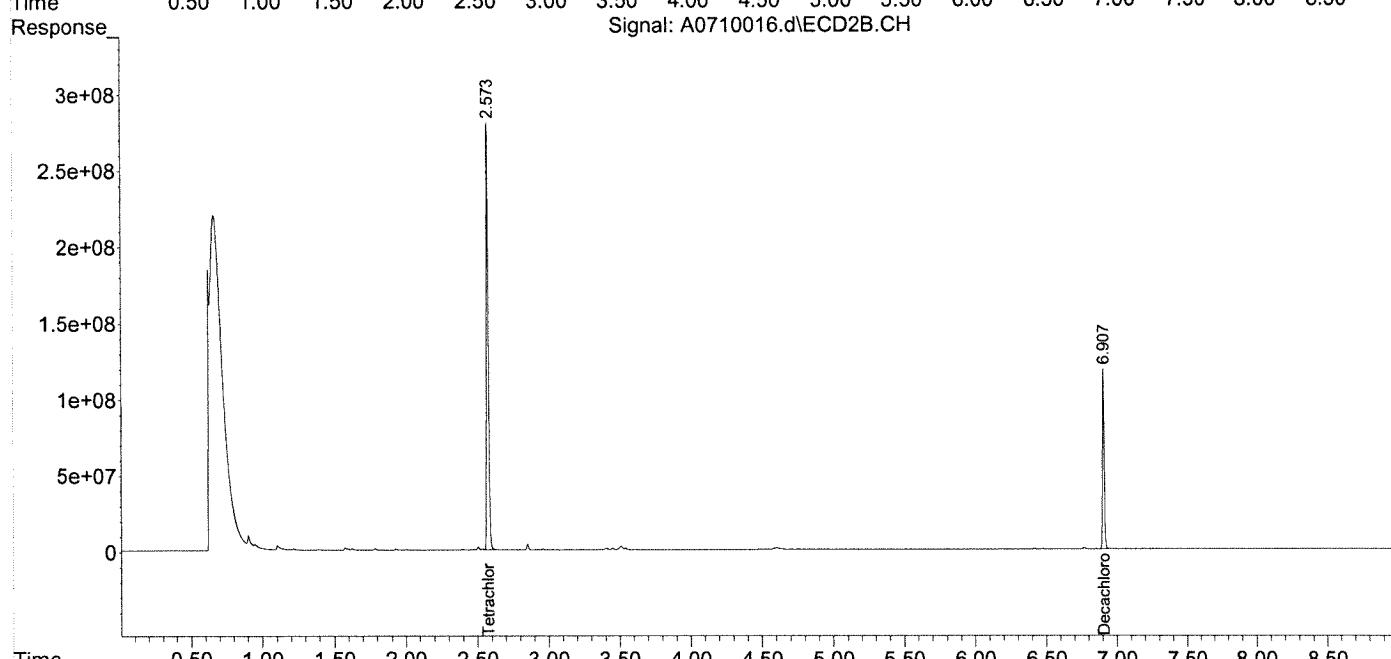
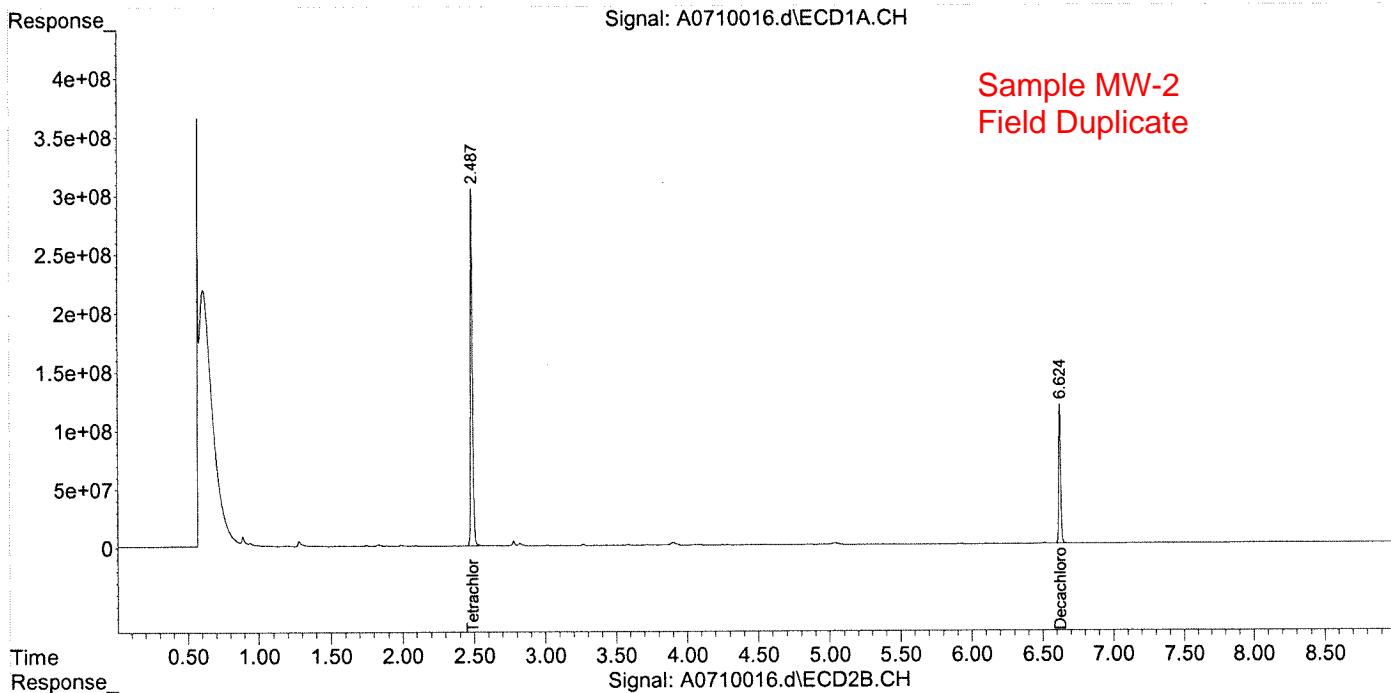


## Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\\_ARCHIVE\\_2020\071020\  
Data File : A0710016.d  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 10 Jul 2020 10:51 am  
Operator : JMB  
Sample : 20G0143-03@TBA Inst : ECD1  
Misc :  
ALS Vial : 16 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: F-1260.E  
Integration File signal 2: B-1260.E  
Quant Time: Jul 10 11:24:20 2020  
Quant Method : C:\msdchem\1\methods\PCB Methods\1-1260-062520.M  
Quant Title : 1260/1016 06/03/20 05/11/20 ICAL 2000180  
QLast Update : Thu Jun 04 20:58:07 2020  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :



## Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\\_ARCHIVE\\_2020\071020\  
Data File : A0710017.d  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 10 Jul 2020 11:03 am  
Operator : JMB  
Sample : 20G0143-04@TBA Inst : ECD1  
Misc :  
ALS Vial : 17 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: F-1260.E  
Integration File signal 2: B-1260.E  
Quant Time: Jul 10 11:24:38 2020  
Quant Method : C:\msdchem\1\methods\PCB Methods\1-1260-062520.M  
Quant Title : 1260/1016 06/03/20 05/11/20 ICAL 2000180  
QLast Update : Thu Jun 04 20:58:07 2020  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info : **Equipment Blank**

